

Connecting via Winsock to STN

Welcome to STN International! Enter x:x

LOGINID:ssptasxml624

PASSWORD:

TERMINAL (ENTER 1, 2, 3, OR ?):2

\* \* \* \* \* Welcome to STN International \* \* \* \* \*

NEWS	1		Web Page for STN Seminar Schedule - N. America
NEWS	2	JUL 02	LMEDLINE coverage updated
NEWS	3	JUL 02	SCISEARCH enhanced with complete author names
NEWS	4	JUL 02	CHEMCATS accession numbers revised
NEWS	5	JUL 02	CA/CAPplus enhanced with utility model patents from China
NEWS	6	JUL 16	Caplus enhanced with French and German abstracts
NEWS	7	JUL 18	CA/CAPplus patent coverage enhanced
NEWS	8	JUL 26	USPATFULL/USPAT2 enhanced with IPC reclassification
NEWS	9	JUL 30	USGENE now available on STN
NEWS	10	AUG 06	CAS REGISTRY enhanced with new experimental property tags
NEWS	11	AUG 06	BEILSTEIN updated with new compounds
NEWS	12	AUG 06	FSTA enhanced with new thesaurus edition
NEWS	13	AUG 13	CA/CAPplus enhanced with additional kind codes for granted patents
NEWS	14	AUG 20	CA/CAPplus enhanced with CAS indexing in pre-1907 records
NEWS	15	AUG 27	Full-text patent databases enhanced with predefined patent family display formats from INPADOCDB
NEWS	16	AUG 27	USPATOLD now available on STN
NEWS	17	AUG 28	CAS REGISTRY enhanced with additional experimental spectral property data
NEWS	18	SEP 07	STN AnaVist, Version 2.0, now available with Derwent World Patents Index
NEWS	19	SEP 13	FORIS renamed to SOFIS
NEWS	20	SEP 13	INPADOCDB enhanced with monthly SDI frequency
NEWS	21	SEP 17	CA/CAPplus enhanced with printed CA page images from 1967-1998
NEWS	22	SEP 17	Caplus coverage extended to include traditional medicine patents
NEWS	23	SEP 24	EMBASE, EMBAL, and LEMBASE reloaded with enhancements
NEWS EXPRESS	19	SEPTEMBER 2007:	CURRENT WINDOWS VERSION IS V8.2, CURRENT MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP), AND CURRENT DISCOVER FILE IS DATED 19 SEPTEMBER 2007.
NEWS HOURS			STN Operating Hours Plus Help Desk Availability
NEWS LOGIN			Welcome Banner and News Items
NEWS IPC8			For general information regarding STN implementation of IPC 8

Enter NEWS followed by the item number or name to see news on that specific topic.

All use of STN is subject to the provisions of the STN Customer agreement. Please note that this agreement limits use to scientific

research. Use for software development or design or implementation of commercial gateways or other similar uses is prohibited and may result in loss of user privileges and other penalties.

\* \* \* \* \* STN Columbus \* \* \* \* \*

FILE 'HOME' ENTERED AT 15:59:47 ON 26 SEP 2007

=> FIL REGISTRY

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	0.21	0.21

FILE 'REGISTRY' ENTERED AT 15:59:59 ON 26 SEP 2007

USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.

PLEASE SEE "HELP USAGETERMS" FOR DETAILS.

COPYRIGHT (C) 2007 American Chemical Society (ACS)

Property values tagged with IC are from the ZIC/VINITI data file provided by InfoChem.

STRUCTURE FILE UPDATES: 25 SEP 2007 HIGHEST RN 948051-90-9  
DICTIONARY FILE UPDATES: 25 SEP 2007 HIGHEST RN 948051-90-9

New CAS Information Use Policies, enter HELP USAGETERMS for details.

TSCA INFORMATION NOW CURRENT THROUGH June 29, 2007

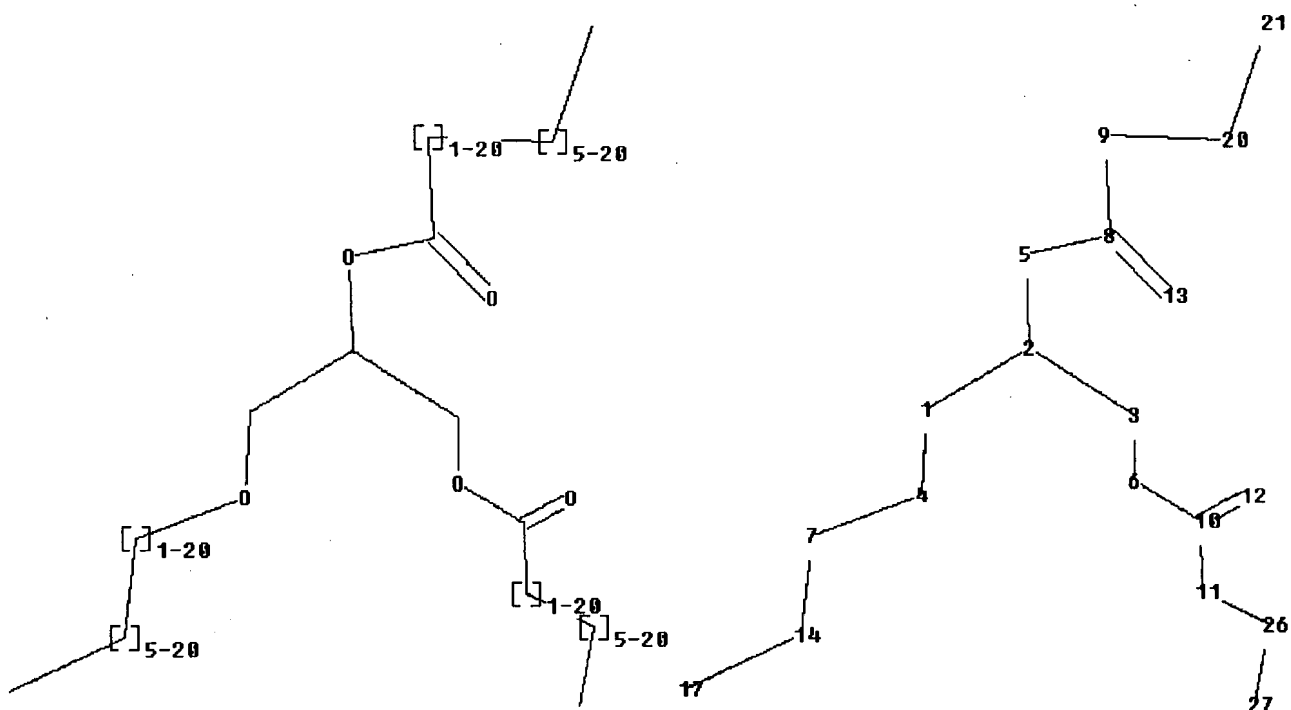
Please note that search-term pricing does apply when conducting SmartSELECT searches.

REGISTRY includes numerically searchable data for experimental and predicted properties as well as tags indicating availability of experimental property data in the original document. For information on property searching in REGISTRY, refer to:

<http://www.cas.org/support/stngen/stndoc/properties.html>

=>

Uploading C:\Program Files\Stnexp\Queries\10517323.str



chain nodes :

1 2 3 4 5 6 7 8 9 10 11 12 13 14 17 20 21 26 27

chain bonds :

1-2 1-4 2-3 2-5 3-6 4-7 5-8 6-10 7-14 8-9 8-13 9-20 10-11 10-12 11-26  
14-17 20-21 26-27

exact/norm bonds :

1-4 2-5 3-6 4-7 5-8 6-10 8-13 10-12

exact bonds :

1-2 2-3 7-14 8-9 9-20 10-11 11-26 14-17 20-21 26-27

Match level :

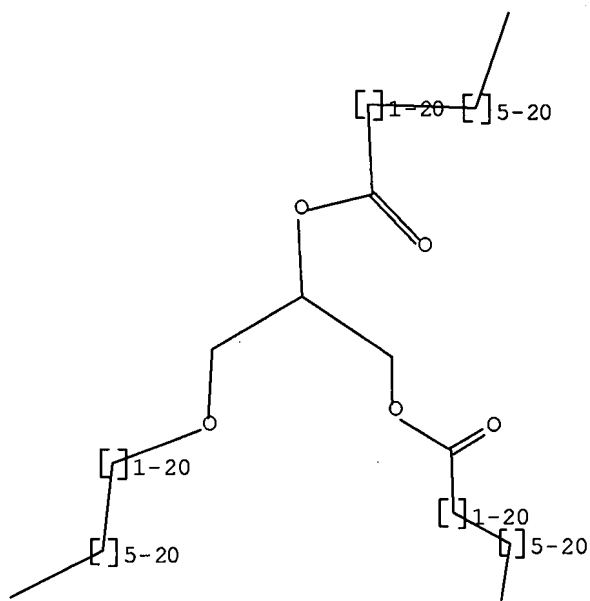
1:CLASS 2:CLASS 3:CLASS 4:CLASS 5:CLASS 6:CLASS 7:CLASS 8:CLASS 9:CLASS  
10:CLASS 11:CLASS 12:CLASS 13:CLASS 14:CLASS 17:CLASS 20:CLASS 21:CLASS  
26:CLASS 27:CLASS

L1 STRUCTURE UPLOADED

=> d 11

L1 HAS NO ANSWERS

L1 STR



Structure attributes must be viewed using STN Express query preparation.

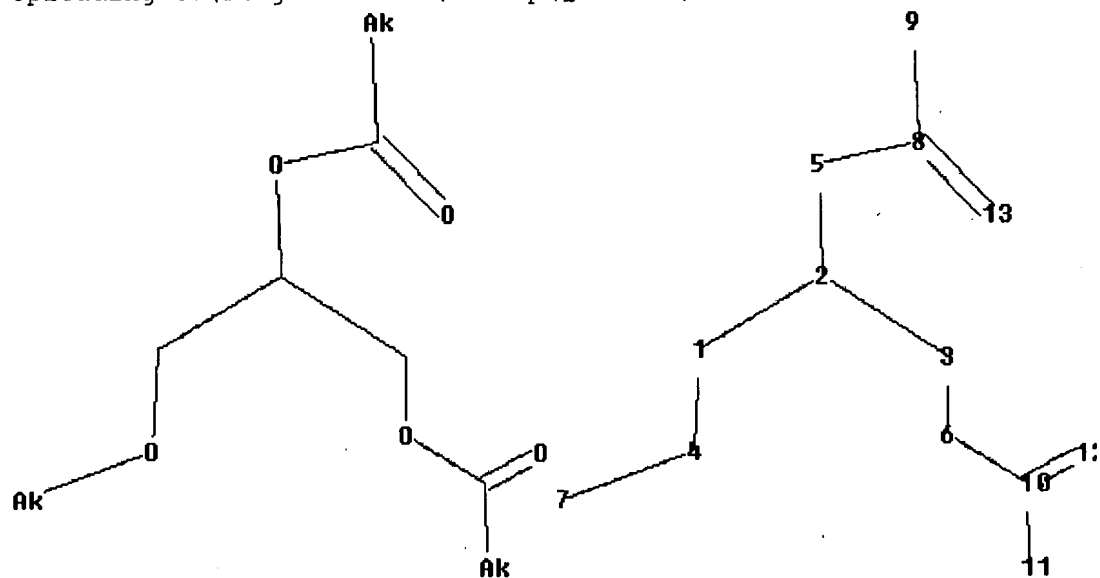
=> s 11

STRUCTURE TOO LARGE - SEARCH ENDED

A structure in your query is too large. You may delete attributes or atoms to reduce the size of the structure and try again.

=>

Uploading C:\Program Files\Stnexp\Queries\10517323a.str



chain nodes :

1 2 3 4 5 6 7 8 9 10 11 12 13

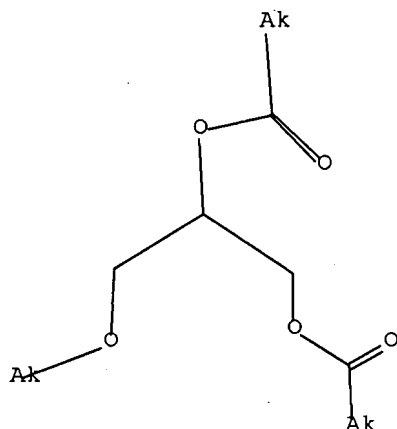
chain bonds :

1-2 1-4 2-3 2-5 3-6 4-7 5-8 6-10 8-9 8-13 10-11 10-12  
exact/norm bonds :  
1-4 2-5 3-6 4-7 5-8 6-10 8-9 8-13 10-11 10-12  
exact bonds :  
1-2 2-3

Match level :  
1:CLASS 2:CLASS 3:CLASS 4:CLASS 5:CLASS 6:CLASS 7:CLASS 8:CLASS 9:CLASS  
10:CLASS 11:CLASS 12:CLASS 13:CLASS

L2 STRUCTURE UPLOADED

=> d 12  
L2 HAS NO ANSWERS  
L2 STR



Structure attributes must be viewed using STN Express query preparation.

=> s 12  
SAMPLE SEARCH INITIATED 16:02:16 FILE 'REGISTRY'  
SAMPLE SCREEN SEARCH COMPLETED - 6441 TO ITERATE

31.1% PROCESSED 2000 ITERATIONS 50 ANSWERS  
INCOMPLETE SEARCH (SYSTEM LIMIT EXCEEDED)  
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE \*\*COMPLETE\*\*  
BATCH \*\*COMPLETE\*\*  
PROJECTED ITERATIONS: 124008 TO 133632  
PROJECTED ANSWERS: 22993 TO 27245

L3 50 SEA SSS SAM L2

=> s 12 full  
FULL SEARCH INITIATED 16:02:27 FILE 'REGISTRY'

FULL SCREEN SEARCH COMPLETED - 127384 TO ITERATE

100.0% PROCESSED 127384 ITERATIONS  
SEARCH TIME: 00.00.02

25129 ANSWERS

L4 25129 SEA SSS FUL L2

=> file caplus

COST IN U.S. DOLLARS

SINCE FILE	TOTAL
ENTRY	SESSION
173.45	173.66

FULL ESTIMATED COST

FILE 'CAPLUS' ENTERED AT 16:02:36 ON 26 SEP 2007  
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.  
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.  
COPYRIGHT (C) 2007 AMERICAN CHEMICAL SOCIETY (ACS)

Copyright of the articles to which records in this database refer is held by the publishers listed in the PUBLISHER (PB) field (available for records published or updated in Chemical Abstracts after December 26, 1996), unless otherwise indicated in the original publications. The CA Lexicon is the copyrighted intellectual property of the American Chemical Society and is provided to assist you in searching databases on STN. Any dissemination, distribution, copying, or storing of this information, without the prior written consent of CAS, is strictly prohibited.

FILE COVERS 1907 - 26 Sep 2007 VOL 147 ISS 14  
FILE LAST UPDATED: 25 Sep 2007 (20070925/ED)

Effective October 17, 2005, revised CAS Information Use Policies apply. They are available for your review at:

<http://www.cas.org/infopolicy.html>

=> s l4

L5 24938 L4

=> S (L5)

L6 24938 (L5)

=> S L6 AND PY<=2003 AND (PATENT)/DT AND (SKIN DAMAGE)

23937715 PY<=2003

5884513 (PATENT)/DT

265031 SKIN

365877 DAMAGE

1253 SKIN DAMAGE

(SKIN(W) DAMAGE)

L7 4 L6 AND PY<=2003 AND (PATENT)/DT AND (SKIN DAMAGE)

=> d l7 ibib hitstr abs 1-4

L7 ANSWER 1 OF 4 CAPLUS COPYRIGHT 2007 ACS on STN

ACCESSION NUMBER: 2003:255111 CAPLUS Full-text

DOCUMENT NUMBER: 138:248557

TITLE: Glyceryl fatty acid esters for treatment of skin disorders

INVENTOR(S): Murphy, Donald M.; Ahrens, Edward R.

PATENT ASSIGNEE(S): USA

SOURCE: U.S., 6 pp., Cont.-in-part of U.S. 6,117,904.  
 CODEN: USXXAM  
 DOCUMENT TYPE: Patent  
 LANGUAGE: English  
 FAMILY ACC. NUM. COUNT: 3  
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 6541517	B1	20030401	US 2000-627933	20000728 <--
US 6117904	A	20000912	US 1999-389837	19990903 <--
WO 2001017526	A1	20010315	WO 2000-US24158	20000905 <--
WO 2001017526	A9	20020912		

W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM  
 RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG

AU 2000071063	A	20010410	AU 2000-71063	20000905 <--
US 2004220075	A1	20041104	US 2003-403849	20030331
PRIORITY APPLN. INFO.:			US 1999-389837	A2 19990903
			US 2000-627933	A 20000728
			WO 2000-US24158	W 20000905

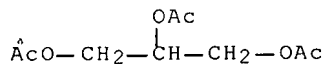
OTHER SOURCE(S): MARPAT 138:248557

IT 102-76-1, Triacetin

RL: PAC (Pharmacological activity); THU (Therapeutic use); BIOL (Biological study); USES (Uses)  
 (glyceryl fatty acid esters for treatment of skin disorders)

RN 102-76-1 CAPLUS

CN 1,2,3-Propanetriol, 1,2,3-triacetate (CA INDEX NAME)



AB The invention provides a method and composition for treating skin disorders, skin pathologies and pruritus, which includes applying a glyceryl fatty acid ester in a suitable formulation to the affected area. Comps. of the invention include e.g. triacetin.

REFERENCE COUNT: 38 THERE ARE 38 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L7 ANSWER 2 OF 4 CAPLUS COPYRIGHT 2007 ACS on STN

ACCESSION NUMBER: 2002:336978 CAPLUS Full-text

DOCUMENT NUMBER: 136:314761

TITLE: nail polish remover composition

INVENTOR(S): Yoon, Gil Joon

PATENT ASSIGNEE(S): S. Korea

SOURCE: Repub. Korean Kongkae Taeho Kongbo, No pp. given

CODEN: KRXXA7

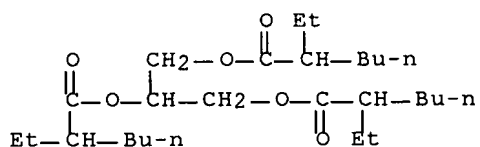
DOCUMENT TYPE: Patent

LANGUAGE: Korean

FAMILY ACC. NUM. COUNT: 1

## PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
KR 2000012772	A	20000306	KR 1999-61588	19991224 <--
PRIORITY APPLN. INFO.:			KR 1999-61588	19991224
IT 7360-38-5				
RL: TEM (Technical or engineered material use); USES (Uses) (nail polish remover composition)				
RN 7360-38-5 CAPLUS				
CN Hexanoic acid, 2-ethyl-, 1,1',1''-(1,2,3-propanetriyl) ester (CA INDEX NAME)				



AB A nail polish remover composition with pleasant special aroma capable of reducing skin damage and improving skin moisture, comprises 70-98 wt% acetone, 0.05-0.2 wt% oxybenzone, 0.5-10 wt% tri-2-ethylhexane acid glycerin, 0.05-0.5wt% hydrolytic collagen hexadecyl and 0.01-0.5wt% of hydroxy Pr chitosan liquid with perfume, purified water and pigments.

L7 ANSWER 3 OF 4 CAPLUS COPYRIGHT 2007 ACS on STN  
 ACCESSION NUMBER: 2001:185570 CAPLUS Full-text  
 DOCUMENT NUMBER: 134:217216  
 TITLE: Triacetin and related compounds for the treatment of skin disorders  
 INVENTOR(S): Murphy, Donald M.; Ahrens, Edward R.  
 PATENT ASSIGNEE(S): USA  
 SOURCE: PCT Int. Appl., 31 pp.  
 CODEN: PIXXD2  
 DOCUMENT TYPE: Patent  
 LANGUAGE: English  
 FAMILY ACC. NUM. COUNT: 3  
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2001017526	A1	20010315	WO 2000-US24158	20000905 <--
WO 2001017526	A9	20020912		
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
US 6117904	A	20000912	US 1999-389837	19990903 <--
US 6541517	B1	20030401	US 2000-627933	20000728 <--
AU 2000071063	A	20010410	AU 2000-71063	20000905 <--



PRIORITY APPLN. INFO.:

US 1999-389837  
US 2000-627933  
WO 2000-US24158

A 19990903  
A 20000728  
W 20000905

OTHER SOURCE(S): MARPAT 134:217216

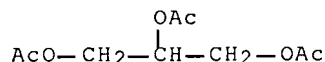
IT 102-76-1, Triacetin

RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); THU (Therapeutic use); BIOL (Biological study); USES (Uses)

(triacetin and related compds. for treatment of skin disorders)

RN 102-76-1 CAPLUS

CN 1,2,3-Propanetriol, 1,2,3-triacetate (CA INDEX NAME)



AB The invention provides a method and composition for treating pruritus and other skin disorders which includes applying  $\text{R1CH}_2\text{CH(R2)CH}_2\text{R3}$  [ $\text{R1-R3} = \text{H}$ ,  $\text{RCOO}$  ( $\text{R} = (\text{un})\text{saturated straight-chain or cyclic C2-22 alkyl}$ ), provided that  $\text{R1-R3}$  are not all  $\text{H}$ ]. The compds. of the invention can also be formulated as a vaginal cream to inhibit viruses. Triacetin containing formulations are described. Triacetin was tested for the treatment of pruritus.

REFERENCE COUNT: 6 THERE ARE 6 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L7 ANSWER 4 OF 4 CAPLUS COPYRIGHT 2007 ACS on STN

ACCESSION NUMBER: 1992:200872 CAPLUS Full-text

DOCUMENT NUMBER: 116:200872

TITLE: Toilet paper impregnated with oils

INVENTOR(S): Yorozu, Hidenori; Morioka, Keiko

PATENT ASSIGNEE(S): Kao Corp., Japan

SOURCE: Jpn. Kokai Tokkyo Koho, 4 pp.

CODEN: JKXXAF

DOCUMENT TYPE: Patent

LANGUAGE: Japanese

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
-----	----	-----	-----	-----
JP 04015021	A	19920120	JP 1990-116900	19900508 <--
JP 06102620	B	19941214		

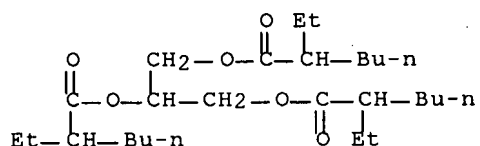
PRIORITY APPLN. INFO.: JP 1990-116900 19900508

IT 7360-38-5, Glycerin tri-2-ethyl hexanoate

RL: BIOL (Biological study)  
(toilet paper containing)

RN 7360-38-5 CAPLUS

CN Hexanoic acid, 2-ethyl-, 1,1',1''-(1,2,3-propanetriyl) ester (CA INDEX NAME)



AB A toilet paper is prepared by impregnating disposable eucalyptus pulp paper with oils, such as glycerin tri-2-Et hexanoate, paraffin oil, squalane, etc. Skin damage from paper is reduced by the oils. A pulp composition was impregnated with a mixture containing glycerin tri-2-Et hexanoate 25, paraffin oil 62, squalane 5, Me polysiloxane 5, and polyoxyethylene monoalkyl ether 3 parts by weight

=> S (L5)

L8 24938 (L5)

=> S L8 AND (SKIN )

265031 SKIN

L9 1048 L8 AND (SKIN )

=> S L8 AND PY<=2003 AND (SKIN )

23937715 PY<=2003

265031 SKIN

L10 713 L8 AND PY<=2003 AND (SKIN )

=> S L8 AND PY<=2003 AND (PATENT)/DT AND (SKIN )

23937715 PY<=2003

5884513 (PATENT)/DT

265031 SKIN

L11 527 L8 AND PY<=2003 AND (PATENT)/DT AND (SKIN )

=> S L8 AND PY<=2003 AND (PATENT)/DT AND (SKIN AND ULTRAVIOLET LIGHT)

23937715 PY<=2003

5884513 (PATENT)/DT

265031 SKIN

210124 ULTRAVIOLET

1130056 LIGHT

22435 ULTRAVIOLET LIGHT

(ULTRAVIOLET(W) LIGHT)

L12 1 L8 AND PY<=2003 AND (PATENT)/DT AND (SKIN AND ULTRAVIOLET LIGHT )

=> S L8 AND PY<=2003 AND (PATENT)/DT AND (ULTRAVIOLET LIGHT)

23937715 PY<=2003

5884513 (PATENT)/DT

210124 ULTRAVIOLET

1130056 LIGHT

22435 ULTRAVIOLET LIGHT

(ULTRAVIOLET(W) LIGHT)

L13 2 L8 AND PY<=2003 AND (PATENT)/DT AND (ULTRAVIOLET LIGHT)

=> S L8 AND PY<=2003 AND (PATENT)/DT AND (SKIN DAMAGE)

23937715 PY<=2003

5884513 (PATENT)/DT

265031 SKIN  
 365877 DAMAGE  
 1253 SKIN DAMAGE  
 (SKIN(W) DAMAGE)  
 L14 4 L8 AND PY<=2003 AND (PATENT)/DT AND (SKIN DAMAGE)

=> S L8 AND PY<=2003 AND (SKIN DAMAGE)  
 23937715 PY<=2003  
 265031 SKIN  
 365877 DAMAGE  
 1253 SKIN DAMAGE  
 (SKIN(W) DAMAGE)

L15 5 L8 AND PY<=2003 AND (SKIN DAMAGE)

=> s 112-114

L16 6 (L12 OR L13 OR L14)

=> s 1 16 or 17

1597510 L  
 854795 16  
 474 L 16  
 (L(W)16)

L17 478 L 16 OR L7

=> s 116 or 17

L18 6 L16 OR L7

=> d 118 ibib hitstr abs 1-6

L18 ANSWER 1 OF 6 CAPLUS COPYRIGHT 2007 ACS on STN  
 ACCESSION NUMBER: 2003:255111 CAPLUS Full-text  
 DOCUMENT NUMBER: 138:248557  
 TITLE: Glyceryl fatty acid esters for treatment of skin disorders  
 INVENTOR(S): Murphy, Donald M.; Ahrens, Edward R.  
 PATENT ASSIGNEE(S): USA  
 SOURCE: U.S., 6 pp., Cont.-in-part of U.S. 6,117,904.  
 CODEN: USXXAM  
 DOCUMENT TYPE: Patent  
 LANGUAGE: English  
 FAMILY ACC. NUM. COUNT: 3  
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 6541517	B1	20030401	US 2000-627933	20000728 <--
US 6117904	A	20000912	US 1999-389837	19990903 <--
WO 2001017526	A1	20010315	WO 2000-US24158	20000905 <--
WO 2001017526	A9	20020912		
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
AU 2000071063	A	20010410	AU 2000-71063	20000905 <--
US 2004220075	A1	20041104	US 2003-403849	20030331

PRIORITY APPLN. INFO.:

US 1999-389837  
US 2000-627933  
WO 2000-US24158

A2 19990903  
A 20000728  
W 20000905

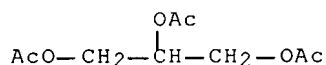
OTHER SOURCE(S): MARPAT 138:248557

IT 102-76-1, Triacetin

RL: PAC (Pharmacological activity); THU (Therapeutic use); BIOL  
(Biological study); USES (Uses)  
(glyceryl fatty acid esters for treatment of skin disorders)

RN 102-76-1 CAPLUS

CN 1,2,3-Propanetriol, 1,2,3-triacetate (CA INDEX NAME)



AB The invention provides a method and composition for treating skin disorders, skin pathologies and pruritus, which includes applying a glyceryl fatty acid ester in a suitable formulation to the affected area. Comps. of the invention include e.g. triacetin.

REFERENCE COUNT: 38 THERE ARE 38 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L18 ANSWER 2 OF 6 CAPLUS COPYRIGHT 2007 ACS on STN

ACCESSION NUMBER: 2002:336978 CAPLUS Full-text

DOCUMENT NUMBER: 136:314761

TITLE: nail polish remover composition

INVENTOR(S): Yoon, Gil Joon

PATENT ASSIGNEE(S): S. Korea

SOURCE: Repub. Korean Kongkae Taeho Kongbo, No pp. given  
CODEN: KRXXA7

DOCUMENT TYPE: Patent

LANGUAGE: Korean

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

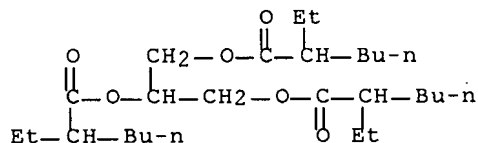
PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
KR 2000012772	A	20000306	KR 1999-61588	19991224 <--
PRIORITY APPLN. INFO.:			KR 1999-61588	19991224

IT 7360-38-5

RL: TEM (Technical or engineered material use); USES (Uses)  
(nail polish remover composition)

RN 7360-38-5 CAPLUS

CN Hexanoic acid, 2-ethyl-, 1,1',1''-(1,2,3-propanetriyl) ester (CA INDEX NAME)



AB A nail polish remover composition with pleasant special aroma capable of reducing skin damage and improving skin moisture, comprises 70-98 wt% acetone, 0.05-0.2 wt% oxybenzone, 0.5-10 wt% tri-2-ethylhexane acid glycerin, 0.05-0.5wt% hydrolytic collagen hexadecyl and 0.01-0.5wt% of hydroxy Pr chitosan liquid with perfume, purified water and pigments.

L18 ANSWER 3 OF 6 CAPLUS COPYRIGHT 2007 ACS on STN

ACCESSION NUMBER: 2001:185570 CAPLUS Full-text

DOCUMENT NUMBER: 134:217216

TITLE: Triacetin and related compounds for the treatment of skin disorders

INVENTOR(S): Murphy, Donald M.; Ahrens, Edward R.

PATENT ASSIGNEE(S): USA

SOURCE: PCT Int. Appl., 31 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 3

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2001017526	A1	20010315	WO 2000-US24158	20000905 <--
WO 2001017526	A9	20020912		
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG			
US 6117904	A	20000912	US 1999-389837	19990903 <--
US 6541517	B1	20030401	US 2000-627933	20000728 <--
AU 2000071063	A	20010410	AU 2000-71063	20000905 <--
PRIORITY APPLN. INFO.:			US 1999-389837	A 19990903
			US 2000-627933	A 20000728
			WO 2000-US24158	W 20000905

OTHER SOURCE(S): MARPAT 134:217216

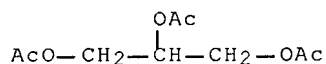
IT 102-76-1, Triacetin

RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); THU (Therapeutic use); BIOL (Biological study); USES (Uses)

(triacetin and related compds. for treatment of skin disorders)

RN 102-76-1 CAPLUS

CN 1,2,3-Propanetriol, 1,2,3-triacetate (CA INDEX NAME)



AB The invention provides a method and composition for treating pruritus and other skin disorders which includes applying  $\text{R1CH}_2\text{CH(R2)CH}_2\text{R3}$  [ $\text{R1-R3} = \text{H}$ ,  $\text{RCOO}$  ( $\text{R} = (\text{un})\text{saturated straight-chain or cyclic C2-22 alkyl}$ ), provided that  $\text{R1-R3}$  are not all H]. The compds. of the invention can also be formulated as a

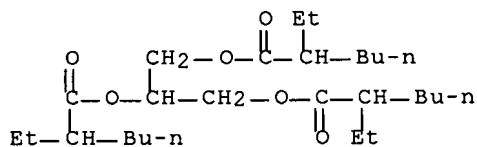
vaginal cream to inhibit viruses. Triacetin containing formulations are described. Triacetin was tested for the treatment of pruritus.

REFERENCE COUNT: 6 THERE ARE 6 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L18 ANSWER 4 OF 6 CAPLUS COPYRIGHT 2007 ACS on STN  
ACCESSION NUMBER: 1992:200872 CAPLUS Full-text  
DOCUMENT NUMBER: 116:200872  
TITLE: Toilet paper impregnated with oils  
INVENTOR(S): Yorozu, Hidenori; Morioka, Keiko  
PATENT ASSIGNEE(S): Kao Corp., Japan  
SOURCE: Jpn. Kokai Tokkyo Koho, 4 pp.  
CODEN: JKXXAF  
DOCUMENT TYPE: Patent  
LANGUAGE: Japanese  
FAMILY ACC. NUM. COUNT: 1  
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 04015021	A	19920120	JP 1990-116900	19900508 <--
JP 06102620	B	19941214		

PRIORITY APPLN. INFO.: JP 1990-116900 19900508  
IT 7360-38-5, Glycerin tri-2-ethyl hexanoate  
RL: BIOL (Biological study)  
(toilet paper containing)  
RN 7360-38-5 CAPLUS  
CN Hexanoic acid, 2-ethyl-, 1,1',1''-(1,2,3-propanetriyl) ester (CA INDEX NAME)



AB A toilet paper is prepared by impregnating disposable eucalyptus pulp paper with oils, such as glycerin tri-2-Et hexanoate, paraffin oil, squalane, etc. Skin damage from paper is reduced by the oils. A pulp composition was impregnated with a mixture containing glycerin tri-2-Et hexanoate 25, paraffin oil 62, squalane 5, Me polysiloxane 5, and polyoxyethylene monoalkyl ether 3 parts by weight

L18 ANSWER 5 OF 6 CAPLUS COPYRIGHT 2007 ACS on STN  
ACCESSION NUMBER: 1986:466260 CAPLUS Full-text  
DOCUMENT NUMBER: 105:66260  
TITLE: Sunscreens containing ultraviolet light absorbers and tyrosinase inhibitors  
INVENTOR(S): Tobe, Shinji; Shimizu, Katsura  
PATENT ASSIGNEE(S): Shiseido Co., Ltd., Japan  
SOURCE: Jpn. Kokai Tokkyo Koho, 6 pp.  
CODEN: JKXXAF  
DOCUMENT TYPE: Patent  
LANGUAGE: Japanese  
FAMILY ACC. NUM. COUNT: 1

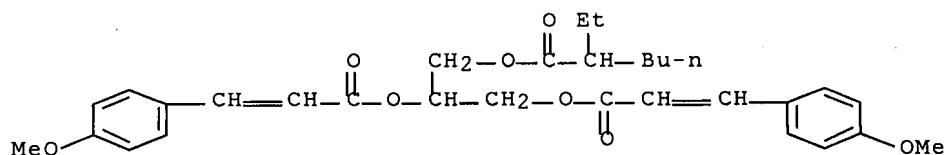
## PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 61078715	A	19860422	JP 1984-201236	19840926 <--
PRIORITY APPLN. INFO.:			JP 1984-201236	19840926

IT 103527-88-4  
 RL: BIOL (Biological study)  
 (as UV light absorber, sunscreen containing tyrosinase inhibitor and)

RN 103527-88-4 CAPLUS

CN Hexanoic acid, 2-ethyl-, 2,3-bis[[3-(4-methoxyphenyl)-1-oxo-2-propenyl]oxy]propyl ester (9CI) (CA INDEX NAME)



AB Cosmetics for the prevention of sunburn contain absorbers of UV-A and -B regions and also tyrosinase inhibitors. Thus, one preparation consists of H<sub>2</sub>O 64.0, glycerin 3.0, propylene glycol 5.0, triethanolamine 1.0, vitamin C sulfate 1.0, stearic acid 2.0, cetanol 1.5, Vaseline 3.0, lanolin alc. 2.0, paraffin oil 10.0, 4-(1,1-dimethylethyl)-4'-methoxydibenzoylmethane 2.0, 2-ethylhexyl 4-dimethylaminobenzoate 3.0, polyoxyethylene monooleate 2.0, a perfume 0.5% by weight plus a preservative q.s. The tyrosinase inhibitors enhance the inhibitory activity of the UV absorbers on sunburn.

L18 ANSWER 6 OF 6 CAPLUS COPYRIGHT 2007 ACS on STN

ACCESSION NUMBER: 1960:52165 CAPLUS  
 DOCUMENT NUMBER: 54:52165  
 ORIGINAL REFERENCE NO.: 54:10246e-i  
 TITLE: Cosmetic preparations containing stilbene derivatives  
 PATENT ASSIGNEE(S): J. R. Geigy Akt.-Ges.  
 DOCUMENT TYPE: Patent  
 LANGUAGE: Unavailable  
 FAMILY ACC. NUM. COUNT: 1  
 PATENT INFORMATION:

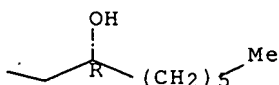
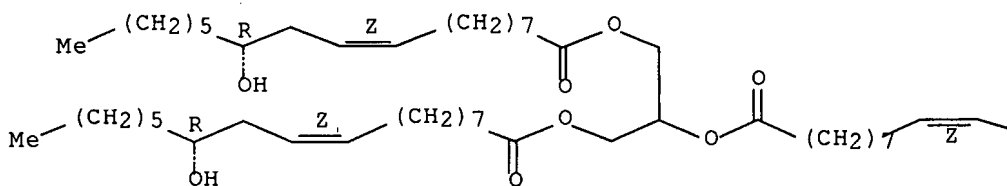
PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
GB 825413		19591216	GB 1957-27205	19570829 <--

IT 2540-54-7, Ricinolein, tri-  
 (solubilization of corticosteroids by)

RN 2540-54-7 CAPLUS

CN 9-Octadecenoic acid, 12-hydroxy-, 1,1',1''-(1,2,3-propanetriyl) ester, (9Z,9'Z,9''Z,12R,12'R,12''R)- (CA INDEX NAME)

Absolute stereochemistry.  
 Double bond geometry as shown.



AB To improve the appearance of cosmetic preps. based on oil, fat, wax, and lacquer, stilbene compds. are used which are soluble in organic solvents whereby these organic solns. fluoresce green-blue or blue to blue-violet in daylight or ultraviolet light. Such fluorescent, soluble stilbene compds. which are non-ionically substituted in the ortho or para position relative to the ethylene bridge contain a 4,5-arylene-1,2,3-triazol-2-yl in at least one para position; advantageously, the ortho substituent is a non-ionic sulfonyl radical. Particularly favorable are compds. of the general formula: A.N.N.N.C6H3(R)CH:CH(R')C6H3(R'') where A is a naphthyl, lower alkoxyphenyl, or lower alkoxyalkylphenyl radical, in which 2 vicinal C atoms of the aromatic nucleus are bound to the N atoms of the triazole ring, R is H, aryloxysulfonyl, sulfamoyl, alkylsulfonyl, or an arylsulfonyl group, R' is H, lower alkoxy, aryloxysulfonyl, or a sulfamoyl group, R and R' are ortho to the ethylene group, R'' is H, lower alkoxy, naphthotriazolyl, aryloxysulfonyl, or a sulfamoyl group, at least 1 and not more than 2 of R, R', and R'' being a sulfonyl group, and R'' is para to the ethylene group. Of importance are compds. in which a modified sulfonic acid group is ortho to the ethylene linkage of the stilbene radical. 4-[(Naphtho-1',2',4,5)-1,2,3-triazol-2-yl]stilbene-2-sulfonic acid Ph ester is one among 32 stilbene compds. mentioned which are usable in lipsticks, skin creams, and similar preps.; all can be obtained according to Brit. 774,010(C.A. 51, 16562a).

=&gt;

=&gt; d l11 ibib hitstr abs 500-528

L11 ANSWER 500 OF 527 CAPLUS COPYRIGHT 2007 ACS on STN

ACCESSION NUMBER: 1984:197660 CAPLUS Full-text

DOCUMENT NUMBER: 100:197660

TITLE: Creaseproof thixotropic cosmetic pencil.

INVENTOR(S): Goldner, Tibor; Fotiu, Eustace; Tietjen, Marlene;

Basak, Kalyan K.

PATENT ASSIGNEE(S): Revlon, Inc., USA

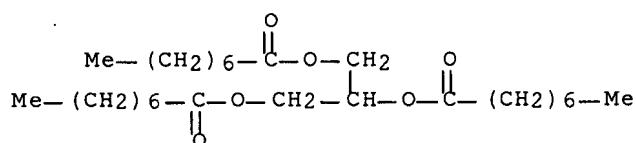
SOURCE: U.S., 3 pp. Cont. of U.S. Ser. No. 146,733, abandoned.

CODEN: USXXAM

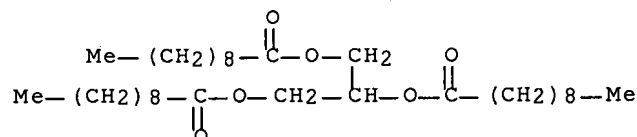


DOCUMENT TYPE: Patent  
LANGUAGE: English  
FAMILY ACC. NUM. COUNT: 1  
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 4431673	A	19840214	US 1981-306054	19810928 <--
PRIORITY APPLN. INFO.:			US 1980-146733	A1 19800502
OTHER SOURCE(S):			MARPAT 100:197660	
IT 538-23-8 621-71-6				
RL: BIOL (Biological study)				
(cosmetic pencils containing)				
RN 538-23-8 CAPLUS				
CN Octanoic acid, 1,1',1''-(1,2,3-propanetriyl) ester (CA INDEX NAME)				



RN 621-71-6 CAPLUS  
CN Decanoic acid, 1,1',1''-(1,2,3-propanetriyl) ester (CA INDEX NAME)



AB A creaseproof cosmetic composition base contains a lipophilic emollient 20-30, volatile solvent 10-40, hydrophobic fumed silica 0.2-2, quaternium hectorite 1-4, waxes 4-12 and wetting agent 10.5-10. The composition can be applied in a pencil form. It is sufficiently hard to be sharpened but not having a degree of hardness that will irritate the skin. A creaseproof eye shadow was prepared containing 2-octyldodecyl 12-stearoyloxy stearate [90052-75-8] 20-30, candelilla wax 1-3, beeswax 1-3, carnauba wax 1-3, ozokerite 1-3, Tullanox 500 0.2-2, lanolin fatty acid 0.5-10, propylene carbonate 0.3-1.2, quaternium hectorite 1-4, iron oxide 5-30, TiO<sub>2</sub> 0-10, onica 5-20, BiOCl 0-25, Siloxane F-251 15-25 parts by weight

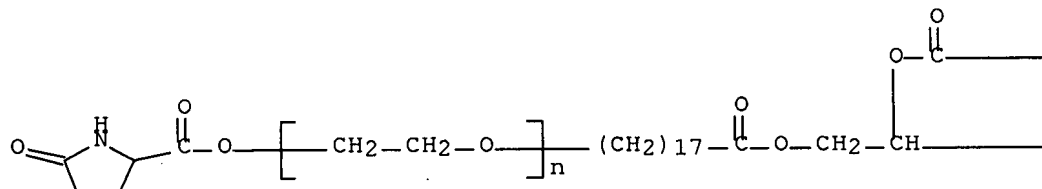
L11 ANSWER 501 OF 527 CAPLUS COPYRIGHT 2007 ACS on STN  
ACCESSION NUMBER: 1984:194062 CAPLUS Full-text  
DOCUMENT NUMBER: 100:194062  
TITLE: Liquid detergent compositions  
PATENT ASSIGNEE(S): Lion Corp., Japan  
SOURCE: Jpn. Kokai Tokkyo Koho, 8 pp.  
CODEN: JKXXAF  
DOCUMENT TYPE: Patent

LANGUAGE: Japanese  
 FAMILY ACC. NUM. COUNT: 1  
 PATENT INFORMATION:

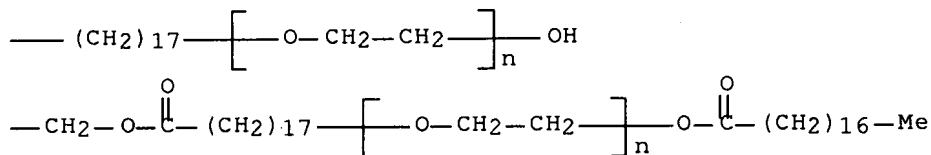
PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 58167698	A	19831003	JP 1982-49785	19820327 <--
JP 60039718	B	19850907		

PRIORITY APPLN. INFO.:  
 IT 90062-82-1  
 RL: USES (Uses)  
 (shampoos containing, skin-compatible)  
 RN 90062-82-1 CAPLUS  
 CN Poly(oxy-1,2-ethanediyl), ω'-hydroxy-ω-[(1-oxooctadecyl)oxy]-  
 ω''-[[ (5-oxo-2-pyrrolidiny) carbonyl]oxy]-α,α',α''-  
 1,2,3-propanetriyltris[oxy(18-oxo-18,1-octadecanediyl)]tris- (9CI) (CA  
 INDEX NAME)

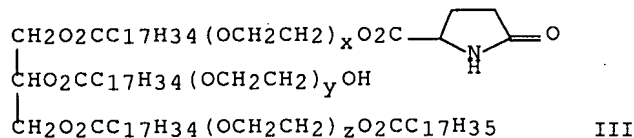
PAGE 1-A



PAGE 1-B



GI



AB Title compns. consist of anionic surface active agent R1O2CCH2CH(OR)CO2R1 (I, R = C10-16 alkyl; R1 = alkali metal cation, NH4+, or cations of alkanolamine, lower alkylamine, or basic amino acid), fatty acid ethanolamide (II), and an aminopyrrolidinone carboxylic acid derivative III (x, y, or z ≥1; x + y + z = 20-70) at I/II/III weight ratio within the range of points A[80:10:10], B[30:60:10], C[30:20:50] and D [40:10:50] on a triangular coordinate diagram. The compns. have low skin -irritant property, suitable viscosity and stable transparency at low temps. and are used for production of shampoos. Thus, I [R = 1:1 mixture C12- and C13-alkyl; R1 = (HOCH2CH2)3NH] 20, coco fatty acid diethanolamide 5, and III (x + y + z = 40) 5 parts were mixed to give the composition

L11 ANSWER 502 OF 527 CAPLUS COPYRIGHT 2007 ACS on STN

ACCESSION NUMBER: 1984:20678 CAPLUS Full-text

DOCUMENT NUMBER: 100:20678

TITLE: Ventilated thermoplastic polymer foam filter rods

INVENTOR(S): Floyd, Terry S.; Rhoden, Donna G.; Bradley, Walter E.

PATENT ASSIGNEE(S): Celanese Corp., USA

SOURCE: U.S., 13 pp.

CODEN: USXXAM

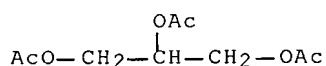
DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 4411280	A	19831025	US 1981-301251	19810911 <--
PRIORITY APPLN. INFO.:			US 1981-301251	19810911
IT 102-76-1				
RL: BIOL (Biological study)				
(in manufacturing process for tobacco smoke filter)				
RN 102-76-1 CAPLUS				
CN 1,2,3-Propanetriol, 1,2,3-triacetate			(CA INDEX NAME)	

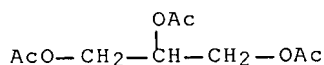


AB Ventilated thermoplastic polymer foam filter rods for cigarettes and a process for their manufacture are described. The rods are characterized by the presence of cells bridged by fibrils, the rod being surrounded by a high-d. skin structure having discontinuity such as to produce a ventilation of ≥50%. The discontinuity of the skin structure is produced by solvent etching, skin abrasion, skin perforation, and skin cutting. In an example, cellulose acetate flakes are ground to a particle size of <3 mm and made into a molding powder composition by mixing 78.9 weight% undried cellulose acetate flake (5% H2O) with glycerol triacetate plasticizer (16.9 weight%) and talc nucleating agent (4.2 weight%). This mixture is dried for 2 h at 90° to a moisture level of <0.5 weight%, cooled to room temperature, and precision-fed to a twin-screw extruder through a cooled feed throat. The material is melted and vented to remove entrained air and any remaining water vapor, then addnl. heated and 3.75 weight% acetone blowing agent is added. The mixture is then cooled to 229° prior to exiting the extruder screw. Following processing steps through an extrusion block and through shaping and sizing devices, both rod skin and

end are uniformly white, with a small and uniform open cell structure, and a d. of 0.109 g/cm<sup>2</sup>. When 27-mm sections of the rod were tested, the average percentage ventilation was 38%.

L11 ANSWER 503 OF 527 CAPLUS COPYRIGHT 2007 ACS on STN  
ACCESSION NUMBER: 1984:12688 CAPLUS Full-text  
DOCUMENT NUMBER: 100:12688  
TITLE: Nifedipine pharmaceuticals for topical application  
PATENT ASSIGNEE(S): Toa Eiyo Kagaku Kogyo Co., Ltd., Japan  
SOURCE: Jpn. Kokai Tokkyo Koho, 4 pp.  
CODEN: JKXXAF  
DOCUMENT TYPE: Patent  
LANGUAGE: Japanese  
FAMILY ACC. NUM. COUNT: 1  
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
-----	----	-----	-----	-----
JP 58172312	A	19831011	JP 1982-53736	19820402 <--
JP 02056328	B	19901129		
PRIORITY APPLN. INFO.:			JP 1982-53736	19820402
IT 102-76-1P				
RL: PREP (Preparation)				
(topical nifedipine pharmaceuticals containing)				
RN 102-76-1 CAPLUS				
CN 1,2,3-Propanetriol, 1,2,3-triacetate			(CA INDEX NAME)	



AB Nifedipine (I) [21829-25-4] is dissolved in alcs., ketones, polyhydric alcs. or their esters, amides, fatty acids or their ester and(or) surfactants to produce I pharmaceuticals for topical application. Thus, 2% I dissolved in 60% isopropyl myristate [110-27-0] was mixed with 8% white petrolatum, 10% microcryst. wax and 20% paraffin to form an ointment for topical application. After topical application to rats, the plasma I concns. were 34.6, 48.9, 40.4 and 47.0 ng/mL at 1, 3, 5 and 7 h after treatment.

L11 ANSWER 504 OF 527 CAPLUS COPYRIGHT 2007 ACS on STN  
ACCESSION NUMBER: 1982:110203 CAPLUS Full-text  
DOCUMENT NUMBER: 96:110203  
TITLE: Plasticized poly( $\epsilon$ -caprolactone) film  
INVENTOR(S): Gregory, John B.  
PATENT ASSIGNEE(S): United States Dept. of the Navy, USA  
SOURCE: U.S., 4 pp.  
CODEN: USXXAM  
DOCUMENT TYPE: Patent  
LANGUAGE: English  
FAMILY ACC. NUM. COUNT: 1  
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
-----	----	-----	-----	-----
US 4306552	A	19811222	US 1980-177169	19800812 <--

PRIORITY APPLN. INFO.:

US 1980-177169

A 19800812

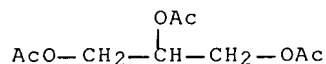
IT 102-76-1

RL: BIOL (Biological study)

(polycaprolactone plasticized with, for wound dressings)

RN 102-76-1 CAPLUS

CN 1,2,3-Propanetriol, 1,2,3-triacetate (CA INDEX NAME)



AB A laminate for wound dressing includes a 1st layer of structural poly( $\epsilon$ -caprolactone) [24980-41-4] for contacting a living tissue and a 2nd layer of poly( $\epsilon$ -caprolactone) film, bonded to the 1st layer for support and control of fluid flow. Plasticizers such as tri-Et citrate [77-93-0] and (or) triacetin [102-76-1] are included to ensure flexibility. The 1st layer may also be a poly( $\epsilon$ -caprolactone) foam, knitted fabric or velvet material to promote skin growth.

L11 ANSWER 505 OF 527 CAPLUS COPYRIGHT 2007 ACS on STN

ACCESSION NUMBER: 1981:575830 CAPLUS Full-text

DOCUMENT NUMBER: 95:175830

TITLE: Dermatological composition containing several triglycerides and its application in treatment of living skin

INVENTOR(S): Pinto, Jeffrey S.; Hsia, Sung Lan; Warner, Paul L., Jr.

PATENT ASSIGNEE(S): Bristol-Myers Co. , USA

SOURCE: Fr. Demande, 23 pp.

CODEN: FRXXBL

DOCUMENT TYPE: Patent

LANGUAGE: French

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
FR 2467598	A1	19810430	FR 1979-25920	19791018 <--
FR 2467598	B1	19851115		
CH 641676	A5	19840315	CH 1979-9457	19791022 <--
			FR 1979-25920	19791018

PRIORITY APPLN. INFO.:

OTHER SOURCE(S): MARPAT 95:175830

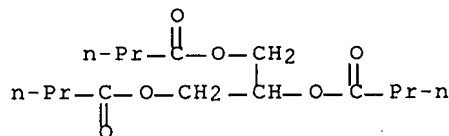
IT 60-01-5 102-76-1 538-23-8 621-70-5

RL: BIOL (Biological study)

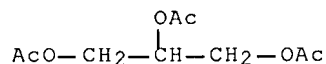
(sebum production by skin inhibition by)

RN 60-01-5 CAPLUS

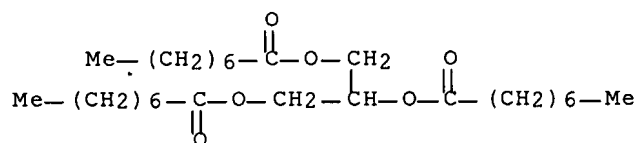
CN Butanoic acid, 1,2,3-propanetriyl ester (CA INDEX NAME)



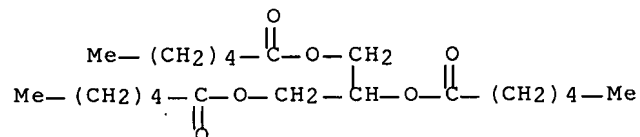
RN 102-76-1 CAPLUS  
CN 1,2,3-Propanetriol, 1,2,3-triacetate (CA INDEX NAME)



RN 538-23-8 CAPLUS  
CN Octanoic acid, 1,1',1''-(1,2,3-propanetriyl) ester (CA INDEX NAME)



RN 621-70-5 CAPLUS  
CN Hexanoic acid, 1,1',1''-(1,2,3-propanetriyl) ester (CA INDEX NAME)



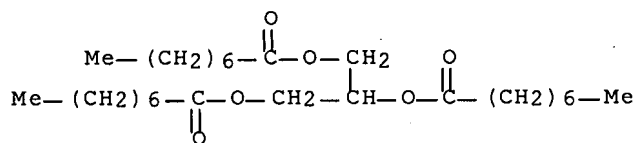
AB Short-chain triglycerides, e.g. triacetin [102-76-1], tributyrin [60-01-5], tricaproin [621-70-5], tricaprylin [538-23-8], or trioctanoin [538-23-8], are effective inhibitors of the biosynthesis of sebum triglycerides, and can be used as topical agents for the treatment of skin disorders characterized by overprodn. of sebum. These triglycerides can be used as gels, solns., lotions, and creams. A cream was prepared from tributyrin 50, Arlacel 83 5, beeswax 2, preservative, and water 43%. Triacetin (4.5-41 mmol) inhibited the formation of tripalmitin from [8,9-3H]-palmitic acid by human skin cultures.

L11 ANSWER 506 OF 527 CAPLUS COPYRIGHT 2007 ACS on STN  
ACCESSION NUMBER: 1981:162788 CAPLUS Full-text  
DOCUMENT NUMBER: 94:162788  
TITLE: Oryzanol ointment formulations  
PATENT ASSIGNEE(S): Ikeda Mohando Co., Ltd., Japan  
SOURCE: Jpn. Kokai Tokkyo Koho, 5 pp.  
CODEN: JKXXAF  
DOCUMENT TYPE: Patent  
LANGUAGE: Japanese  
FAMILY ACC. NUM. COUNT: 1

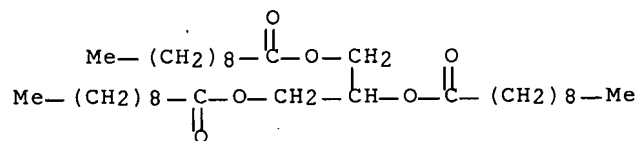
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 56016409	A	19810217	JP 1979-91898	19790719 <--
JP 59023292	B	19840601		

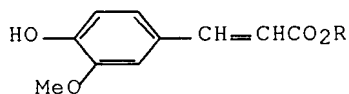
PRIORITY APPLN. INFO.:  
 IT 538-23-8 621-71-6  
 RL: BIOL (Biological study)  
 (oryzanol ointment containing)  
 RN 538-23-8 CAPLUS  
 CN Octanoic acid, 1,1',1''-(1,2,3-propanetriyl) ester (CA INDEX NAME)



RN 621-71-6 CAPLUS  
 CN Decanoic acid, 1,1',1''-(1,2,3-propanetriyl) ester (CA INDEX NAME)



GI



I

AB The use of high-member alcs., fatty acids, and hydrocarbons in  $\gamma$ -oryzanol (I, R = sterols) [11042-64-1] formulations stabilizes I and prevents the side effects on the skin. Thus, a mixture of I 1.0, myristyl lactate [1323-03-1] 4.8, and isostearic acid [30399-84-9] 14.4 g was heated to 50-80° to obtain a homogeneous suspension and then was cooled to room temperature EtOH was added to make the volume 100 mL.

L11 ANSWER 507 OF 527 CAPLUS COPYRIGHT 2007 ACS on STN

ACCESSION NUMBER: 1981:71506 CAPLUS Full-text

DOCUMENT NUMBER: 94:71506

TITLE: Antiseptic composition for topical application to the

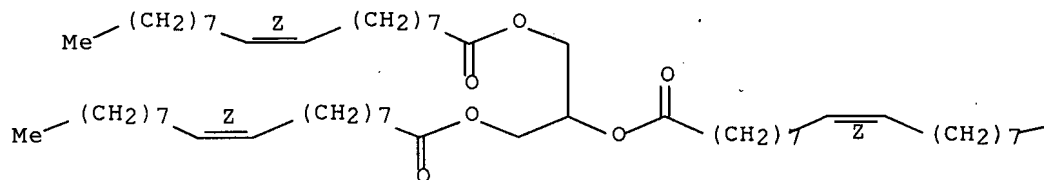
INVENTOR(S): skin for use against bromidrosis  
 Marcadet, Ernest  
 PATENT ASSIGNEE(S): USA  
 SOURCE: U.S., 9 pp. Cont. of U.S. Ser. No. 778,358, abandoned.  
 CODEN: USXXAM  
 DOCUMENT TYPE: Patent  
 LANGUAGE: English  
 FAMILY ACC. NUM. COUNT: 1  
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 4224319	A	19800923	US 1979-62409	19790731 <--
PRIORITY APPLN. INFO.:			US 1973-374266	A2 19730627
			US 1974-500372	A1 19740826
			US 1975-622051	A1 19751114
			US 1977-778358	A1 19770317

OTHER SOURCE(S): MARPAT 94:71506  
 IT 122-32-7 537-40-6 538-24-9 555-43-1  
 555-45-3 2540-54-7  
 RL: BIOL (Biological study)  
 (antiseptic composition containing amino acid and, for bromidrosis treatment)  
 RN 122-32-7 CAPLUS  
 CN 9-Octadecenoic acid (9Z)-, 1,1',1''-(1,2,3-propanetriyl) ester (CA INDEX NAME)

Double bond geometry as shown.

PAGE 1-A



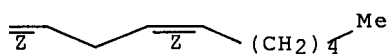
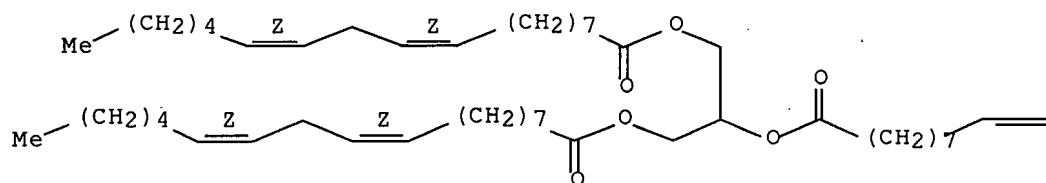
PAGE 1-B

Me

RN 537-40-6 CAPLUS  
 CN 9,12-Octadecadienoic acid (9Z,12Z)-, 1,1',1''-(1,2,3-propanetriyl) ester  
 (CA INDEX NAME)

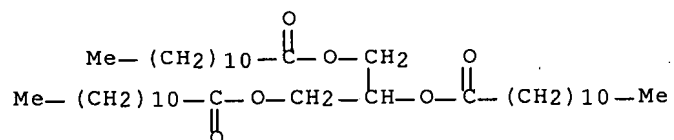
Double bond geometry as shown.





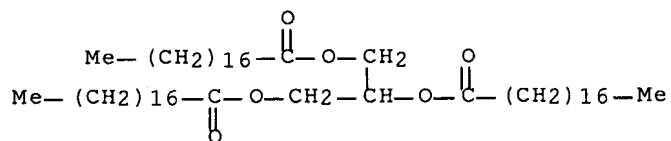
RN 538-24-9 CAPLUS

CN Dodecanoic acid, 1,1',1''-(1,2,3-propanetriyl) ester (CA INDEX NAME)



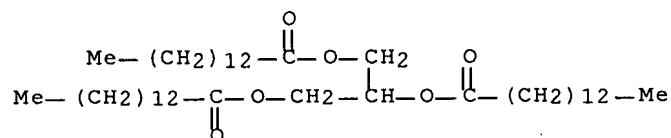
RN 555-43-1 CAPLUS

CN Octadecanoic acid, 1,1',1''-(1,2,3-propanetriyl) ester (CA INDEX NAME)



RN 555-45-3 CAPLUS

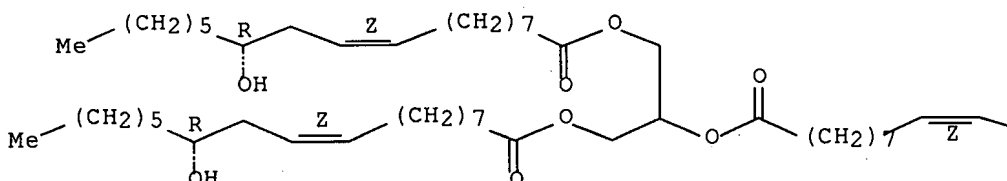
CN Tetradecanoic acid, 1,1',1''-(1,2,3-propanetriyl) ester (CA INDEX NAME)



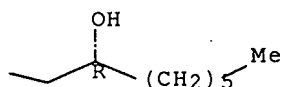
RN 2540-54-7 CAPLUS  
CN 9-Octadecenoic acid, 12-hydroxy-, 1,1',1''-(1,2,3-propanetriyl) ester,  
(9Z,9'Z,9''Z,12R,12'R,12''R)- (CA INDEX NAME)

Absolute stereochemistry.  
Double bond geometry as shown.

PAGE 1-A



PAGE 1-B

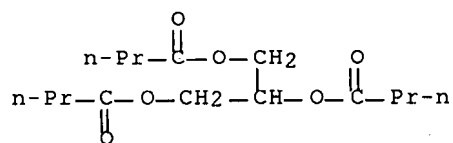


AB An aqueous disinfectant composition, harmless to the skin, contains as the main active agent an amino acid  $\text{RNH(R1NH)nR2CO2H}$  ( $\text{R} = \text{C8-18}$  aliphatic;  $\text{R1}$  and  $\text{R2} = \text{C1-3}$  alkylene;  $n = 1$  or  $2$ ), 1 or several triglycerides, and vitamins. Thus, an emulsion was formulated with alkylaminopropionic acid 1.95 g, oleic triglyceride [122-32-7] 6 g, and axerophthol palmitate [79-81-2] 0.6 mg.

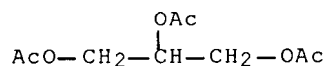
L11 ANSWER 508 OF 527 CAPLUS COPYRIGHT 2007 ACS on STN  
ACCESSION NUMBER: 1980:34510 CAPLUS Full-text  
DOCUMENT NUMBER: 92:34510  
TITLE: Treating living skin exhibiting excessive sebum secretion  
INVENTOR(S): Pinto, Jeffrey S.; Hsia, Sung I.; Warner, Paul L., Jr.  
PATENT ASSIGNEE(S): Westwood Pharmaceuticals, Inc., USA  
SOURCE: U.S., 9 pp.  
CODEN: USXXAM  
DOCUMENT TYPE: Patent  
LANGUAGE: English  
FAMILY ACC. NUM. COUNT: 1  
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 4172149	A	19791023	US 1978-873320	19780130 <--
CA 1123741	A1	19820518	CA 1979-320400	19790129 <--
DE 2942021	A1	19810430	DE 1979-2942021	19791017 <--
DE 2942021	C2	19890302		

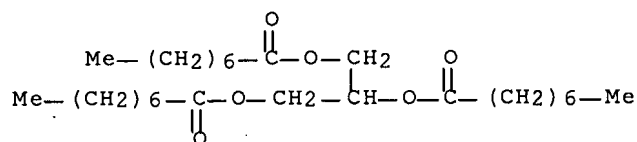
DE 2942021 C3 19911024  
 JP 56065824 A 19810603 JP 1979-135322 19791022 <--  
 JP 01034967 B 19890721  
 PRIORITY APPLN. INFO.: US 1978-873320 A 19780130  
 OTHER SOURCE(S): MARPAT 92:34510  
 IT 60-01-5 102-76-1 538-23-8 621-70-5  
 RL: BIOL (Biological study)  
 (sebum excretion inhibition by)  
 RN 60-01-5 CAPLUS  
 CN Butanoic acid, 1,2,3-propanetriyl ester (CA INDEX NAME)



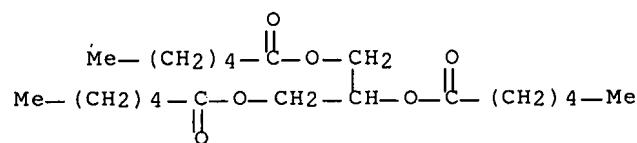
RN 102-76-1 CAPLUS  
 CN 1,2,3-Propanetriol, 1,2,3-triacetate (CA INDEX NAME)



RN 538-23-8 CAPLUS  
 CN Octanoic acid, 1,1',1''-(1,2,3-propanetriyl) ester (CA INDEX NAME)



RN 621-70-5 CAPLUS  
 CN Hexanoic acid, 1,1',1''-(1,2,3-propanetriyl) ester (CA INDEX NAME)



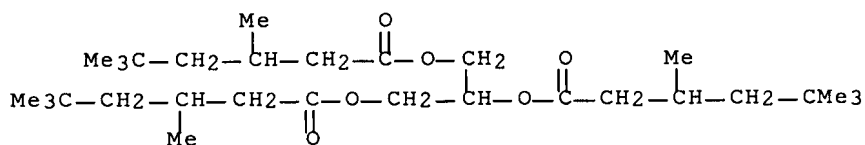
AB Fatty acid triglycerides are used as topical agents for the management of skin conditions characterized by excessive sebum secretion. Thus, tricaprylin

[538-23-8] (1 g, 2 times/day) application to the face of a middle-aged woman with mild seborrhea, acne, and very sensitive skin, resulted in marked improvement and was nonirritating.

L11 ANSWER 509 OF 527 CAPLUS COPYRIGHT 2007 ACS on STN  
 ACCESSION NUMBER: 1979:192387 CAPLUS Full-text  
 DOCUMENT NUMBER: 90:192387  
 TITLE: Glycerol tri-3,5,5-trimethylhexanoate  
 INVENTOR(S): Klein, Erich  
 PATENT ASSIGNEE(S): Dragoco Gerberding und Co. G.m.b.H., Fed. Rep. Ger.  
 SOURCE: Ger. Offen., 9 pp.  
 CODEN: GWXXBX  
 DOCUMENT TYPE: Patent  
 LANGUAGE: German  
 FAMILY ACC. NUM. COUNT: 1  
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
DE 2728922	A1	19790118	DE 1977-2728922	19770627 <--
DE 2728922	B2	19810402		
DE 2728922	C3	19820225		
GB 1544059	A	19790411	GB 1977-41643	19771006 <--
FR 2395980	A1	19790126	FR 1977-30350	19771010 <--
FR 2395980	B1	19840406		
AT 7707665	A	19790215	AT 1977-7665	19771027 <--
AT 352286	B	19790910		
JP 54012313	A	19790130	JP 1977-131397	19771031 <--
CH 633769	A5	19821231	CH 1978-80	19780104 <--
US 4199599	A	19800422	US 1978-875090	19780203 <--
			DE 1977-2728922	A 19770627

PRIORITY APPLN. INFO.:  
 IT 56554-53-1P  
 RL: PREP (Preparation)  
 (preparation of, as skin protectant and sunscreen)  
 RN 56554-53-1 CAPLUS  
 CN Hexanoic acid, 3,5,5-trimethyl-, 1,2,3-propanetriyl ester (9CI) (CA INDEX NAME)



AB Glycerol tri-3,5,5-trimethylhexanoate [56554-53-1], prepared by reacting glycerol with 3,5,5-trimethylhexanoic acid chloride, is used in skin preps. and sunscreens. E.g., a bath oil contains 15 parts by weight fatty alc. polyglycol ether, 15 parts title compound, 20 parts iso-Pr myristate, 45 parts paraffin oil and 5 parts perfume.

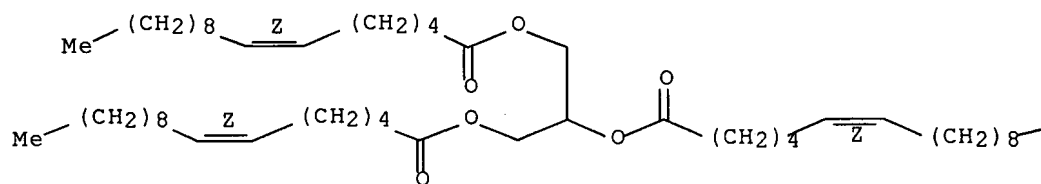
L11 ANSWER 510 OF 527 CAPLUS COPYRIGHT 2007 ACS on STN  
 ACCESSION NUMBER: 1977:557005 CAPLUS Full-text  
 DOCUMENT NUMBER: 87:157005  
 TITLE: Skin treatment with emollient

INVENTOR(S): cis-6-hexadecenoic acid or derivatives  
 Stiefel, Werner K.  
 PATENT ASSIGNEE(S): Stiefel Laboratories, Inc., USA  
 SOURCE: U.S., 5 pp.  
 CODEN: USXXAM  
 DOCUMENT TYPE: Patent  
 LANGUAGE: English  
 FAMILY ACC. NUM. COUNT: 1  
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 4036991	A	19770719	US 1972-220369	19720124 <--
PRIORITY APPLN. INFO.:			US 1972-220369	A 19720124
IT 35017-29-9				
RL: BIOL (Biological study) (in skin prepns.)				
RN 35017-29-9	CAPLUS			
CN 6-Hexadecenoic acid, 1,2,3-propanetriyl ester, (6Z,6'Z,6''Z)- (9CI)	(CA INDEX NAME)			

Double bond geometry as shown.

PAGE 1-A



PAGE 1-B

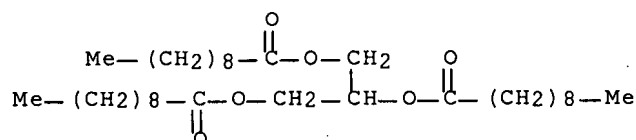
—Me

AB Emollient skin compns., useful as base vehicles for cosmetic and therapeutic formulations, contain cis-6-hexadecenoic acid [17004-51-2] and (or) its glycerides or esters. Thus, a white cream for dry skin was prepared by mixing cis-6-hexadecenoic triglyceride [35017-29-9] 50% and stearic acid 0.54% at 75°, followed by adding a hot solution of borax 0.35% in water 49.11%, and subsequent cooling of the resultant emulsion while stirring.

L11 ANSWER 511 OF 527 CAPLUS COPYRIGHT 2007 ACS on STN  
 ACCESSION NUMBER: 1975:552204 CAPLUS Full-text  
 DOCUMENT NUMBER: 83:152204  
 TITLE: Cosmetic cleaning composition with oil-replacing properties  
 INVENTOR(S): Reese, Guenter; Osberghaus, Rainer; Wasik, Josef  
 PATENT ASSIGNEE(S): Henkel und Cie. G.m.b.H., Fed. Rep. Ger.

SOURCE: Ger. Offen., 14 pp.  
 CODEN: GWXXBX  
 DOCUMENT TYPE: Patent  
 LANGUAGE: German  
 FAMILY ACC. NUM. COUNT: 1  
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
DE 2360107	A1	19750612	DE 1973-2360107	19731203 <--
PRIORITY APPLN. INFO.:			DE 1973-2360107	A 19731203
IT 621-71-6				
RL: BIOL (Biological study)				
(skin cleansing comps. containing detergents and)				
RN 621-71-6 CAPLUS				
CN Decanoic acid, 1,1',1''-(1,2,3-propanetriyl) ester (CA INDEX NAME)				

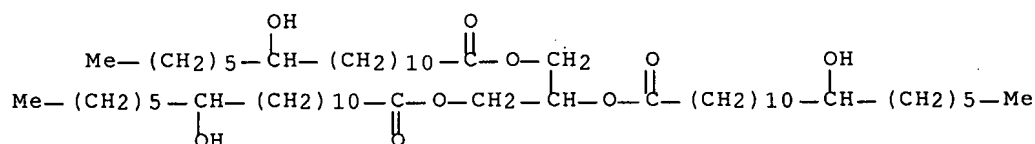


AB The title composition is a mixture of a nonaq. surfactant mixture (A) and a monoencapsulated oil (B). Free-flowing granules of A, with <5% free moisture, comprise 75-25% of the composition and are a mixture of 40-50 addition product of ethylene oxide (I) [75-21-8] with C12-14 alcs. + 30-40 I; 25-35% salts of sulfated I addition product described with C1-6 aliphatic amines and alkanolamines; 10-20% C10-16 diethanolamides; and 5-15% sulfates and (or) hydrochlorides of C1-6 aliphatic amines and alkanolamines, especially isopropanolamine. B, 25-75%, can be paraffin hydrocarbons, alcs., and esters of long-chain acids. Lists of usable substances and combinations are given. A tabulation of 6A and 6B formulations, with proportions used, is given. For a foam bath, 1-5 g of composition/10 l. water, and as shampoo 2-20 g, are used.

L11 ANSWER 512 OF 527 CAPLUS COPYRIGHT 2007 ACS on STN  
 ACCESSION NUMBER: 1975:503159 CAPLUS Full-text  
 DOCUMENT NUMBER: 83:103159  
 TITLE: Combined skin care composition  
 INVENTOR(S): Wendler, Ingrid  
 PATENT ASSIGNEE(S): Henkel und Cie. G.m.b.H., Fed. Rep. Ger.  
 SOURCE: Ger. Offen., 15 pp.  
 CODEN: GWXXBX  
 DOCUMENT TYPE: Patent  
 LANGUAGE: German  
 FAMILY ACC. NUM. COUNT: 1  
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
DE 2352266	A1	19750424	DE 1973-2352266	19731018 <--
SE 7412005	A	19750421	SE 1974-12005	19740924 <--
NL 7412596	A	19750422	NL 1974-12596	19740924 <--
GB 1486634	A	19770921	GB 1974-44985	19741017 <--

CH 602112                      A5      19780731      CH 1974-13924                      19741017 <--  
 FR 2248023                      A1      19750516      FR 1974-35166                      19741018 <--  
 PRIORITY APPLN. INFO.:                      DE 1973-2352266                      A    19731018  
 IT    139-44-6  
       RL: BIOL (Biological study)  
           (cosmetic water-free base containing, fat-base combined with)  
 RN    139-44-6    CAPLUS  
 CN    Octadecanoic acid, 12-hydroxy-, 1,1',1''-(1,2,3-propanetriyl) ester (CA  
       INDEX NAME)

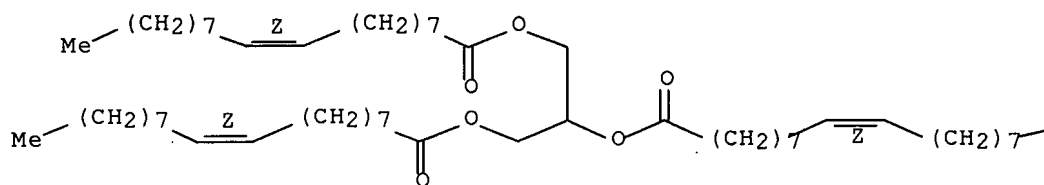


AB    Two differing types of cosmetic prepns., one a fat-free gel and the other a H2O-free cream, were prepared as bases for conventional skin care vehicles. The formulations were then able to be packaged as multiuse creams in a single container. Because of the differing nature of the 2 bases, separating walls were not required to keep the 2 bases from mixing. Formulations and package designs are included. Thus, a transparent water-free cream contains myristyl alc. [112-72-1] 2.0, cetyl alc. [36653-82-4] 5.0, microcryst. paraffin wax 20.0, paraffin oil 70.5, 12-hydroxystearic acid triglyceride [139-44-6] 2.0 and perfume oil 0.5 weight parts.

L11 ANSWER 513 OF 527    CAPLUS    COPYRIGHT 2007 ACS on STN  
 ACCESSION NUMBER:                      1975:484719    CAPLUS    Full-text  
 DOCUMENT NUMBER:                      83:84719  
 TITLE:                                      Bath oils  
 INVENTOR(S):                              Zajic, Jiri; Bares, Milan; Uhlik, Frantisek; Madlik, Jiri  
 PATENT ASSIGNEE(S):                      Czech.  
 SOURCE:                                      Czech., 2 pp.  
                                                     CODEN: CZXXA9  
 DOCUMENT TYPE:                              Patent  
 LANGUAGE:                                      Czech  
 FAMILY ACC. NUM. COUNT:                      1  
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
CS 155827	B1	19740624	CS 1969-6518	19690929 <--
PRIORITY APPLN. INFO.:			CS 1969-6518	A    19690929
IT    122-32-7				
RL: BIOL (Biological study)				
(bath oils containing)				
RN    122-32-7    CAPLUS				
CN    9-Octadecenoic acid (9Z)-, 1,1',1''-(1,2,3-propanetriyl) ester (CA INDEX NAME)				

Double bond geometry as shown.



Me

AB A mixture of petrolatum or olive oil, oleic acid [112-80-1] or fatty alc., perfume, and surfactant (ethoxylated fatty alc.) was worked up to a milky emulsion which had a cleansing and softening effect on the skin and prevented depositing of scum on the bathtub walls. Thus a composition contained liquid petrolatum 71, oleic acid 9, Slovapon N [39342-39-7] 18 and perfume 2 parts.

L11 ANSWER 514 OF 527 CAPLUS COPYRIGHT 2007 ACS on STN

ACCESSION NUMBER: 1975:144848 CAPLUS Full-text

DOCUMENT NUMBER: 82:144848

TITLE: Skin cosmetics

INVENTOR(S): Sawaki, Shigeru

PATENT ASSIGNEE(S): Kyoei Kagaku Kogyo K. K., Japan

SOURCE: Jpn. Kokai Tokkyo Koho, 4 pp.

CODEN: JKXXAF

DOCUMENT TYPE: Patent

LANGUAGE: Japanese

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 50013544	A	19750213	JP 1973-67577	19730614 <--
JP 52044374	B	19771108		

PRIORITY APPLN. INFO.: JP 1973-67577 A 19730614

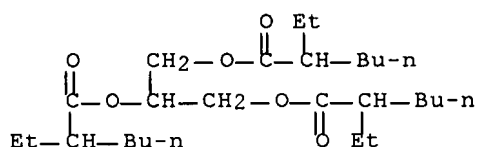
IT 7360-38-5

RL: BIOL (Biological study)  
(cosmetics containing)

RN 7360-38-5 CAPLUS

CN Hexanoic acid, 2-ethyl-, 1,1',1''-(1,2,3-propanetriyl) ester (CA INDEX NAME)





AB Glycerol mono-, di- or triesters were incorporated into cosmetic preps. to improve the texture. Thus, a cream contained stearic acid 13.0, cetyl alc. 2.0, liquid paraffin 2.0, lanolin 1.0, glycerol 5.0, glycerol tris(2-ethylhexanoate) [7360-38-5] 7.0, KOH 1.0, Me p-hydroxybenzoate 0.1, Bu p-hydroxybenzoate 0.1, perfume 0.3 and H<sub>2</sub>O 68.5 parts.

L11 ANSWER 515 OF 527 CAPLUS COPYRIGHT 2007 ACS on STN

ACCESSION NUMBER: 1973:496850 CAPLUS Full-text

DOCUMENT NUMBER: 79:96850

TITLE: Skin and hair preparations of cosmetics containing glyceryl tris(2-ethylhexanoate)

INVENTOR(S): Matsumura, Yoshio

PATENT ASSIGNEE(S): Nippon Chemical Co., Ltd.

SOURCE: Jpn. Kokai Tokkyo Koho, 3 pp.

CODEN: JKXXAF

DOCUMENT TYPE: Patent

LANGUAGE: Japanese

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

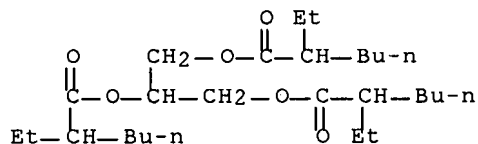
PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 48033039	A	19730507	JP 1971-64229	19710823 <--
PRIORITY APPLN. INFO.:			JP 1971-64229	A 19710823

IT 7360-38-5

RL: BIOL (Biological study)  
(in cosmetics and hair preps.)

RN 7360-38-5 CAPLUS

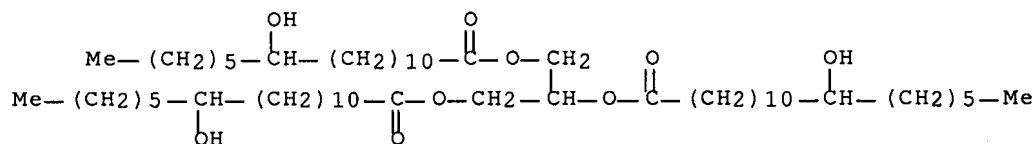
CN Hexanoic acid, 2-ethyl-, 1,1',1''-(1,2,3-propanetriyl) ester (CA INDEX NAME)



AB Skin and hair preps. of cosmetics are compounded with glyceryl tris(2-ethylhexanoate) (I). The ester has a low m.p., slow hydrolysis, and is free from skin irritation and odors. Thus, a cream was prepared by heating a mixture containing I 11, stearic acid 7, Vaseline 4, and lanolin 2 parts to 50-60° with stirring, adding a 2nd mixture containing poly(oxyethylene) monostearate (d.p. 40) 3, glycerol monostearate 2, and purified H<sub>2</sub>O 70 parts, and adding a perfume 0.5, and a preservative 0.5 parts. Lipsticks, lotions, and hair tonics were also prepared

L11 ANSWER 516 OF 527 CAPLUS COPYRIGHT 2007 ACS on STN  
 ACCESSION NUMBER: 1973:75895 CAPLUS Full-text  
 DOCUMENT NUMBER: 78:75895  
 TITLE: Dressing applicable to the skin as a film  
 INVENTOR(S): Nouvel, Lucien  
 SOURCE: Fr., 2 pp.  
 CODEN: FRXXAK  
 DOCUMENT TYPE: Patent  
 LANGUAGE: French  
 FAMILY ACC. NUM. COUNT: 1  
 PATENT INFORMATION:

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
	FR 1587321		19700320	FR 1965-30925	19650909 <--
IT	139-44-6				
	RL: BIOL (Biological study) (surgical dressing)				
RN	139-44-6 CAPLUS				
CN	Octadecanoic acid, 12-hydroxy-, 1,1',1''-(1,2,3-propanetriyl) ester (CA INDEX NAME)				



AB The sequential addition with strong agitation at 95° of 72 parts EtOH and 5 parts glycerol monooleate diacetate to a mixture of 20 parts vinylpyrrolidone-vinyl acetate copolymer and 14 parts 12-hydroxystearic acid triglyceride gave a pomade useful in the title application. The pomade dries on the skin to an abrasion resistant H2O-soluble film.

L11 ANSWER 517 OF 527 CAPLUS COPYRIGHT 2007 ACS on STN  
 ACCESSION NUMBER: 1972:142612 CAPLUS Full-text  
 DOCUMENT NUMBER: 76:142612  
 TITLE: Preparing high-strength cellulose acetate semipermeable membranes  
 INVENTOR(S): Stana, Regis R.  
 PATENT ASSIGNEE(S): Westinghouse Electric Corp.  
 SOURCE: U.S., 5 pp.  
 CODEN: USXXAM  
 DOCUMENT TYPE: Patent  
 LANGUAGE: English  
 FAMILY ACC. NUM. COUNT: 1  
 PATENT INFORMATION:

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
	US 3646179	A	19720229	US 1969-827014	19690522 <--
	IL 34247	A	19730531	IL 1970-34247	19700406 <--
	ES 379431	A1	19721016	ES 1970-379431	19700508 <--

PRIORITY APPLN. INFO.:

US 1969-827014

A 19690522

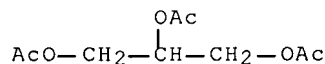
IT 102-76-1

RL: USES (Uses)

(cellulose acetate containing, semipermeable membranes from)

RN 102-76-1 CAPLUS

CN 1,2,3-Propanetriol, 1,2,3-triacetate (CA INDEX NAME)



AB Reverse osmosis semipermeable membranes, composed of a support layer and an osmotic skin layer of dense cellulosic material, were prepared Cellulose acetate [9004-35-7], Et acetate [141-78-6] and conventional additives, e.g. HCONH<sub>2</sub> and triacetin, were mixed to form a casting solution A film was cast from the solution, dried, leached to form a semipermeable membrane and, optionally cured in hot water. The use of EtOAc as the casting solution solvent substantially improved the product's tensile strength compared to Me<sub>2</sub>CO normally used.

L11 ANSWER 518 OF 527 CAPLUS COPYRIGHT 2007 ACS on STN

ACCESSION NUMBER: 1971:533046 CAPLUS Full-text

DOCUMENT NUMBER: 75:133046

TITLE: Surgical dressing excipient

INVENTOR(S): Nouvel, Lucien

SOURCE: U.S., 4 pp.

CODEN: USXXAM

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

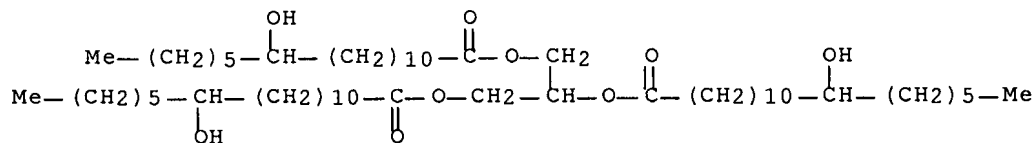
PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 3608070	A	19710921	US 1969-866028	19691013 <--
PRIORITY APPLN. INFO.:			US 1969-866028	A 19691013

IT 139-44-6

RL: BIOL (Biological study)  
(surgical dressing)

RN 139-44-6 CAPLUS

CN Octadecanoic acid, 12-hydroxy-, 1,1',1''-(1,2,3-propanetriyl) ester (CA INDEX NAME)

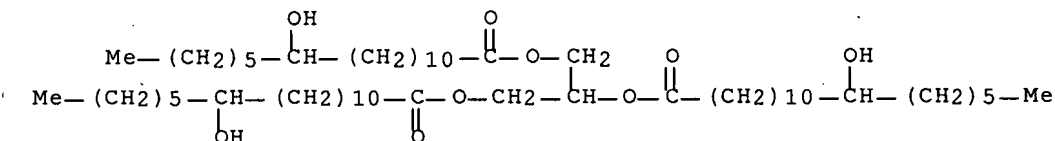


AB An excipient for an adherent abrasion-resistant dry flexible surgical wound dressing applicable to the skin for forming a solid nonocclusive film covering

the skin and permitting cutaneous breathing and perspiration was composed of vinyl acetate-vinyl- pyrrolidinone copolymer (I) 100, a C12-24 hydroxylated fatty acid triglyceride which imparts rigidity to the film 15-35, a plasticizer 20-40, and an aqueous alc. solvent for the resin 60-120 parts. A typical composition contained 40:60 I 15, 70:30 I 30, Trixcin R (12-hydroxystearic acid triglyceride) 4, Aerosil 6, Carbowax 400 5, Acetoglycerides LC (glyceryl monooleate diacetate) 7, H2O 14.7, EtOH 2.4, and egg yolk alcoholate 15.9 g. The ointment was applied to the skin in a thin alyer, dried in <1 min, and gave a film having suitable abrasion resistance and good H2O solubility

L11 ANSWER 519 OF 527 CAPLUS COPYRIGHT 2007 ACS on STN  
 ACCESSION NUMBER: 1971:440435 CAPLUS Full-text  
 DOCUMENT NUMBER: 75:40435  
 TITLE: Composition for protecting the epidermis against sun rays  
 PATENT ASSIGNEE(S): Monnet, Ch., et Cie.  
 SOURCE: Fr. Demande, 4 pp.  
 CODEN: FRXXBL  
 DOCUMENT TYPE: Patent  
 LANGUAGE: French  
 FAMILY ACC. NUM. COUNT: 1  
 PATENT INFORMATION:

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
	FR 2034415		19710108	FR 1969-9277	19690328 <--
IT	139-44-6, Thixcin R				
	RL: BIOL (Biological study)				
	(sunscreen)				
RN	139-44-6 CAPLUS				
CN	Octadecanoic acid, 12-hydroxy-, 1,1',1''-(1,2,3-propanetriyl) ester (CA INDEX NAME)				

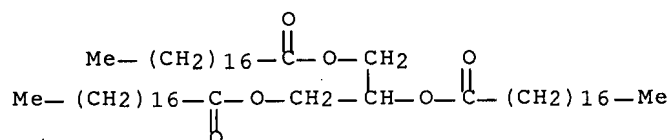


AB A composition with curative activity on sun burns is not absorbed by the epidermis. It contains 65% sorbitol, 15% dimethylpolysiloxane 47 V 300, 14.6% Arlacel (surfactive fatty acid ester), 2% Thixcin R, 3% Sunarome WMO (2-ethylhexyl salicylate), 0.4% Mg stearate and 0.2% perfume. It forms a protecting film on the skin, resistant to sea water.

L11 ANSWER 520 OF 527 CAPLUS COPYRIGHT 2007 ACS on STN  
 ACCESSION NUMBER: 1971:115910 CAPLUS Full-text  
 DOCUMENT NUMBER: 74:115910  
 TITLE: Griseofulvin compositions used to combat fungal organisms on animal skin surfaces  
 INVENTOR(S): Florestano, Herbert J.  
 PATENT ASSIGNEE(S): Dow Chemical Co.  
 SOURCE: U.S., 3 pp.

DOCUMENT TYPE: CODEN: USXXAM  
Patent  
LANGUAGE: English  
FAMILY ACC. NUM. COUNT: 1  
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 3560623	A	19710202	US 1969-815204	19690410 <--
PRIORITY APPLN. INFO.:			US 1969-815204	A 19690410
IT 555-43-1, Glycowax S 932				
RL: BIOL (Biological study)				
(ointment bases, for griseofulvin)				
RN 555-43-1 CAPLUS				
CN Octadecanoic acid, 1,1',1''-(1,2,3-propanetriyl) ester (CA INDEX NAME)				



AB A composition of at least 0.05% activity, and a vehicle of 50% difatty acid esters of polyethylene glycol, 10% of a simple or mixed solid mono, di, or triglyceride and solid or liquid petrolatum is employed in the topical application of griseofulvin. No symptoms of toxicity or local irritation were detected.

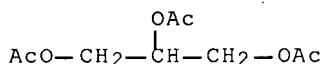
L11 ANSWER 521 OF 527 CAPLUS COPYRIGHT 2007 ACS on STN  
ACCESSION NUMBER: 1971:77614 CAPLUS Full-text  
DOCUMENT NUMBER: 74:77614  
TITLE: Semipermeable cellulosic membranes for water purification containing glycerol ester lipids  
INVENTOR(S): Stana, Regis R.  
PATENT ASSIGNEE(S): Westinghouse Electric Corp.  
SOURCE: Ger. Offen., 45 pp.  
CODEN: GWXXBX  
DOCUMENT TYPE: Patent  
LANGUAGE: German  
FAMILY ACC. NUM. COUNT: 1  
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
DE 2022506	A	19701119	DE 1970-2022506	19700508 <--
DE 2022506	B2	19800508		
US 3593855	A	19710720	US 1969-824115	19690513 <--
GB 1258543	A	19711230	GB 1970-1258543	19700408 <--
IL 34379	A	19730629	IL 1970-34379	19700424 <--
BE 749696	A	19701001	BE 1970-749696	19700428 <--
ES 379288	A1	19730416	ES 1970-379288	19700504 <--
FR 2047635	A5	19710312	FR 1970-17181	19700512 <--
NL 7006909	A	19701117	NL 1970-6909	19700513 <--
SE 356218	B	19730521	SE 1970-6589	19700513 <--
JP 49033269	B	19740905	JP 1970-40201	19700513 <--

```

US 3780147          A      19731218      US 1970-96311      19701209 <--
PRIORITY APPLN. INFO.:      US 1969-824115      A 19690513
IT 102-76-1
    RL: USES (Uses)
        (cellulose acetate containing, semipermeable membranes from)
RN 102-76-1  CAPLUS
CN 1,2,3-Propanetriol, 1,2,3-triacetate  (CA INDEX NAME)

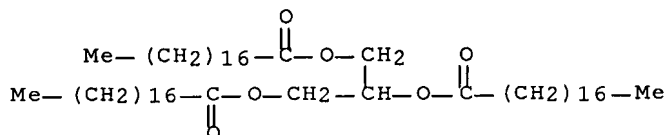
```



AB Semipermeable cellulose membranes with high water permeability, but which retain solid impurities in H<sub>2</sub>O and are useful in water purification are prepared from skin-forming cellulose esters or ethers, solvents, swelling agents, and 0.5-9% (based on cellulose compds.) glycerol ester lipids. Thus, a solution of cellulose acetate and the glycerol ester of olive oil in Me<sub>2</sub>CO and HCONH<sub>2</sub> is poured into a container and spread over a glass plate and air dried. The membrane layer is dipped in a leaching bath containing tap water and ice and removed after 20 min to yield a 0.31-mm membrane. Tap water containing 100 ppm dissolved solids is passed through the membrane, which retains 86% of the dissolved solids. Other semipermeable membranes are prepared by using glycerol esters of cottonseed oil or glycerol triacetate as lipids.

L11 ANSWER 522 OF 527 CAPLUS COPYRIGHT 2007 ACS on STN  
ACCESSION NUMBER: 1968:107849 CAPLUS Full-text  
DOCUMENT NUMBER: 68:107849  
ORIGINAL REFERENCE NO.: 68:20863a,20866a  
TITLE: Cosmetic preparation protecting skin from  
the effects of organic solvents  
INVENTOR(S): Boublik, Vlastimil; Prazsky, Vaclav  
SOURCE: Czech., 2 pp.  
CODEN: CZXXA9  
DOCUMENT TYPE: Patent  
LANGUAGE: Czech  
FAMILY ACC. NUM. COUNT: 1  
PATENT INFORMATION:

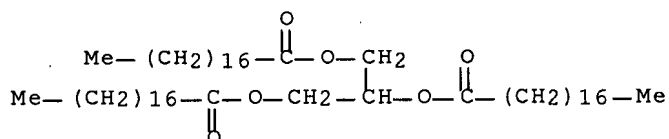
	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
	-----	----	-----	-----	-----
	CS 123752		19670715	CS	19651109 <--
IT	555-43-1				
	RL: BIOL (Biological study)				
	(cosmetics containing, solvent-protective)				
RN	555-43-1	CAPLUS			
CN	Octadecanoic acid, 1,1',1''-(1,2,3-propanetriyl) ester (CA INDEX NAME)				



AB A mixture of glyceryl stearate 5, condensate of ethylene oxide and stearin 5, paraffin wax (microcryst.) 5, propylene glycol 5, and petrolatum 4 g. is homogenized at 70° with 100 ml. of a 2-15% aqueous solution of poly(vinyl alc.) and the mixture stirred until cold. After application, the preparation permits respiration and metabolism of the skin and prevents penetration of organic solvents, especially aliphatic and chlorinated hydrocarbons. The cosmetic can be removed with soap and water.

L11 ANSWER 523 OF 527 CAPLUS COPYRIGHT 2007 ACS on STN  
 ACCESSION NUMBER: 1968:107848 CAPLUS Full-text  
 DOCUMENT NUMBER: 68:107848  
 ORIGINAL REFERENCE NO.: 68:20863a,20866a  
 TITLE: Cosmetic preparation protecting skin from effects of chemicals  
 INVENTOR(S): Boublik, Vlastimil  
 SOURCE: Czech., 2 pp.  
 CODEN: CZXXA9  
 DOCUMENT TYPE: Patent  
 LANGUAGE: Czech  
 FAMILY ACC. NUM. COUNT: 1  
 PATENT INFORMATION:

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
	CS 123797		19670715	CS	19660204 <--
IT	555-43-1				
	RL: BIOL (Biological study) (cosmetics containing, chemical-protective)				
RN	555-43-1	CAPLUS			
CN	Octadecanoic acid, 1,1',1''-(1,2,3-propanetriyl) ester (CA INDEX NAME)				

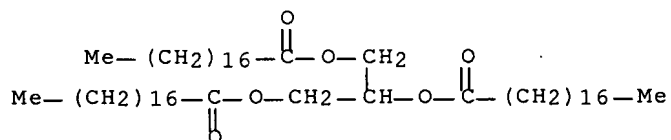


AB A mixture of glyceryl stearate 16, condensate of ethylene oxide and stearin 5, paraffin wax (microcryst.) 5, propylene glycol 5, petrolatum oil 5, cetyl alc. 5, and polyethylene (m. 90°) 10 g. is homogenized at 95° with 100 ml. 15% aqueous solution of poly(vinyl alc.) and 50 ml. water. The preparation has a high protective effect; it is physiol. harmless and can be easily removed with soap and water.

L11 ANSWER 524 OF 527 CAPLUS COPYRIGHT 2007 ACS on STN  
 ACCESSION NUMBER: 1967:118781 CAPLUS Full-text  
 DOCUMENT NUMBER: 66:118781  
 ORIGINAL REFERENCE NO.: 66:22079a,22082a  
 TITLE: Cream for permanent wave  
 INVENTOR(S): Tarczyska, Lidia  
 SOURCE: Pol., 2 pp.

CODEN: POXXA7  
 DOCUMENT TYPE: Patent  
 LANGUAGE: Polish  
 FAMILY ACC. NUM. COUNT: 1  
 PATENT INFORMATION:

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
	PL 50842		19660222	PL	19640711 <--
IT	555-43-1				
	RL: BIOL (Biological study) (hair permanent waving creams containing)				
RN	555-43-1	CAPLUS			
CN	Octadecanoic acid, 1,1',1''-(1,2,3-propanetriyl) ester (CA INDEX NAME)				



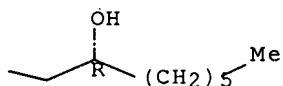
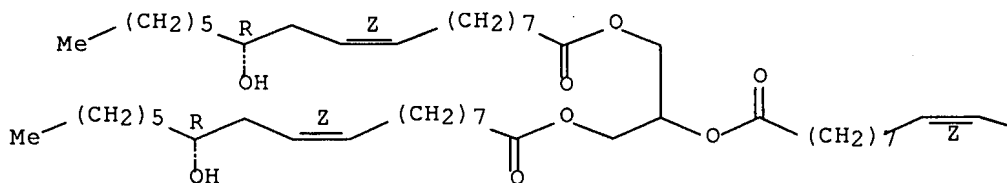
AB cf. CA 41, 3930d. The cream is stable, is harmless for the hair, and does not irritate the skin. Thus, 10 parts stearin and 25 parts glycerol were fused at 60° and 25% aqueous NH3 15, (NH4)2CO3 0.3, and NaOH 0.2 part H2O were added under stirring. Thioglycolic acid 10-15, borax 5-10, NH3 10-15, and (NH4)2CO3 10 parts in 50 parts H2O were added at 60° and the mixture was stirred 1 hr. until a uniform product was obtained. Emulsifier may be added to the mixture

L11 ANSWER 525 OF 527 CAPLUS COPYRIGHT 2007 ACS on STN  
 ACCESSION NUMBER: 1960:52165 CAPLUS  
 DOCUMENT NUMBER: 54:52165  
 ORIGINAL REFERENCE NO.: 54:10246e-i  
 TITLE: Cosmetic preparations containing stilbene derivatives  
 PATENT ASSIGNEE(S): J. R. Geigy Akt.-Ges.  
 DOCUMENT TYPE: Patent  
 LANGUAGE: Unavailable  
 FAMILY ACC. NUM. COUNT: 1  
 PATENT INFORMATION:

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
	GB 825413		19591216	GB 1957-27205	19570829 <--
IT	2540-54-7,				
	Ricinolein, tri- (solubilization of corticosteroids by)				
RN	2540-54-7	CAPLUS			
CN	9-Octadecenoic acid, 12-hydroxy-, 1,1',1''-(1,2,3-propanetriyl) ester, (9Z,9'Z,9''Z,12R,12'R,12''R)- (CA INDEX NAME)				

Absolute stereochemistry.  
 Double bond geometry as shown.





AB To improve the appearance of cosmetic preps. based on oil, fat, wax, and lacquer, stilbene compds. are used which are soluble in organic solvents whereby these organic solns. fluoresce green-blue or blue to blue-violet in daylight or ultraviolet light. Such fluorescent, soluble stilbene compds. which are non-ionically substituted in the ortho or para position relative to the ethylene bridge contain a 4,5-arylene-1,2,3-triazol-2-yl in at least one para position; advantageously, the ortho substituent is a non-ionic sulfonyl radical. Particularly favorable are compds. of the general formula: A.N.N.N.C6H3(R)CH:CH(R')C6H3(R'') where A is a naphthyl, lower alkoxyphenyl, or lower alkoxyalkylphenyl radical, in which 2 vicinal C atoms of the aromatic nucleus are bound to the N atoms of the triazole ring, R is H, aryloxysulfonyl, sulfamoyl, alkylsulfonyl, or an arylsulfonyl group, R' is H, lower alkoxy, aryloxysulfonyl, or a sulfamoyl group, R and R' are ortho to the ethylene group, R'' is H, lower alkoxy, naphthotriazolyl, aryloxysulfonyl, or a sulfamoyl group, at least 1 and not more than 2 of R, R', and R'' being a sulfonyl group, and R'' is para to the ethylene group. Of importance are compds. in which a modified sulfonic acid group is ortho to the ethylene linkage of the stilbene radical. 4-[(Naphtho-1',2',4,5)-1,2,3-triazol-2-yl]stilbene-2-sulfonic acid Ph ester is one among 32 stilbene compds. mentioned which are usable in lipsticks, skin creams, and similar preps.; all can be obtained according to Brit. 774,010(C.A. 51, 16562a).

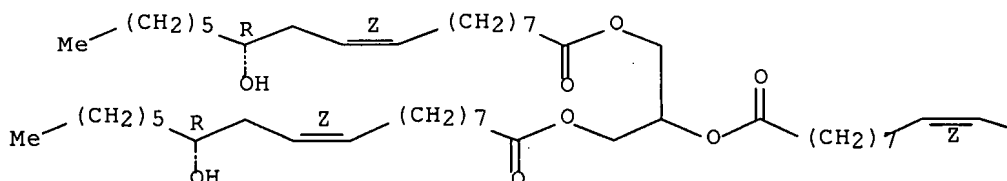
L11 ANSWER 526 OF 527 CAPLUS COPYRIGHT 2007 ACS on STN  
 ACCESSION NUMBER: 1958:108381 CAPLUS  
 DOCUMENT NUMBER: 52:108381  
 ORIGINAL REFERENCE NO.: 52:19159e-g  
 TITLE: Regenerated cellulose filaments from viscose  
 PATENT ASSIGNEE(S): Glanzstoff-Courtaulds G. m. b. H.  
 DOCUMENT TYPE: Patent  
 LANGUAGE: Unavailable  
 FAMILY ACC. NUM. COUNT: 1  
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
GB 792548		19580326	GB 1955-22319	19550803 <--

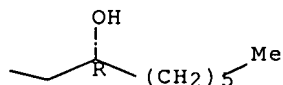
IT 2540-54-7, Ricinolein, tri-  
 (reaction product of, with ethylene oxide, kidney-shaped cross-section  
 rayon from coagulating baths containing)  
 RN 2540-54-7 CAPLUS  
 CN 9-Octadecenoic acid, 12-hydroxy-, 1,1',1''-(1,2,3-propanetriyl) ester,  
 (9Z,9'Z,9''Z,12R,12'R,12''R)- (CA INDEX NAME)

Absolute stereochemistry.  
 Double bond geometry as shown.

PAGE 1-A



PAGE 1-B

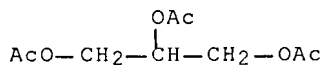


AB Viscose filaments of smooth kidney-shaped cross-section, lower swelling degree than ordinary viscose, and increased dry and wet strength are formed by extrusion into an aqueous coagulating bath of H2SO4, Na2SO4, and ZnSO4 of viscose containing 0.3% of a product formed by reaction of at least 6 moles of an alkylene oxide with 1 mole of an aliphatic acid or its ester or amide, dissolved in 6% NaOH. Thus, 0.3% of the reaction product of 1 mole ricinoleic acid with 8.6 moles ethylene oxide (I) was stirred into viscose containing 7.0% cellulose, 6.1% NaOH, and 36.6% CS2 based on the cellulose weight. This altered viscose with a NaCl index of 10.4 was extruded at 53 m./min. into a bath containing 85 g. H2SO4, 300 g. Na2SO4, and 102 g. ZnSO4/l. at 50°. The filaments, withdrawn at 48 m./min., washed, and dried, showed an all-skin structure and had a swelling value of 69.2%. Other reaction products which have similar effects include those formed from: (1) 1 mole triricinolein and 26 moles I; (2) 1 mole coconut fatty acid ethanolamide and 8 moles I; and (3) 1 mole ricinoleic acid acetate and 20.4 moles I, furnishing swelling values of 73.8-5.5%.

L11 ANSWER 527 OF 527 CAPLUS COPYRIGHT 2007 ACS on STN  
 ACCESSION NUMBER: 1953:35987 CAPLUS  
 DOCUMENT NUMBER: 47:35987  
 ORIGINAL REFERENCE NO.: 47:6099d-f  
 TITLE: Chloramide protective ointment  
 INVENTOR(S): Sulzberger, Marion B.; Kanof, Abram; Baer, Rudolf L.  
 DOCUMENT TYPE: Patent  
 LANGUAGE: Unavailable  
 FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
	US 2630399		19530303	US 1946-673634	19460531 <--
IT	102-76-1, Acetin, tri-				
	(ointment containing ehloroamides and)				
RN	102-76-1 CAPLUS				
CN	1,2,3-Propanetriol, 1,2,3-triacetate			(CA INDEX NAME)	



AB An oxidizing or chlorinating agent in a base composed of oily glyceryl triacetate (I), thickened with Mg stearate (II), counteracts oxidizable industrial skin irritants and poison ivy. 2,4-Dichlorophenylbenzoylchloramide, 1,3,4,6-tetrachloro-7,8-diphenylglycoluril, 1,3-dichloro-1,3-bis(2,4,6-trichlorophenyl)urea, or 1,3,4,6-tetrachloro-2,5-diimino-7,8-diphenylglycoluril, in 24-25% concentration of the ointment, are incorporated in mixts. of cellulose acetate butyrate 4, TiO<sub>2</sub> 9, I 53, and II 9%; or in mixts. of II 25, and I 51%. Long contact of the ointments do not irritate the skin, and the creamlike pastes afford protection against poison ivy, dye intermediates, cashew nut oil, lemon-grass oil, and chemical antioxidants.

=>

---Logging off of STN---

=>

Executing the logoff script...

=> LOG Y

COST IN U.S. DOLLARS	SINCE FILE	TOTAL
	ENTRY	SESSION
FULL ESTIMATED COST	273.93	447.59
DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE	TOTAL
	ENTRY	SESSION
CA SUBSCRIBER PRICE	-29.64	-29.64

STN INTERNATIONAL LOGOFF AT 16:24:47 ON 26 SEP 2007